7030 DPS

BX - O

File No. KA EXI

KA EXIA

KA EXIB

KA EXIC

BX - O

BASIC EXCHANGE PARALLEL MAINTENANCE PROGRAM

September 1, 1961

- Maintenance program. Used to test data paths to and from I/O units and to and from main memory independent of CPU.
- Programs becoming obsolete. None. 2.
- KA EXI and KA EXIA are applicable to systems using 48 ECS 3. KA EXIB and KA EXIC are applicable to printer code. systems using 48 BCD printer code.

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PURPOSE

1.

The purpose of the BX-0 Maintenance Program is to test data paths to and from the I/O units and to and from Main Memory, independent , of CPU.

2. EQUIPMENT REQUIREMENTS

N- Necessary for Basic Testing

A- Additional Requirements for Full Testing

* - Exception

2.1 Testing Requirements

0-8K	8K- 16K	16K-32K	32K-Above	Ops Console	Card Reader
	4				*
		N		N	И
			<u> </u>		<u></u>

_	Punch	Printer	Disc	Tapes	
	N	N .		N	

2.2 Buffer Equipment Requirements

Disc	Tapes

3. MODE OF CONTROL

3.1 Self Control

BX-O is exclusively a manually operated test, since it is independent of the CPU. It requires the operator to manually set the bits on the exchange maintenance console and manually execute all instructions. The output from each I/O unit test is indicated in the section containing the instructions for that test.

3.1.1 Procedure

I. INITIAL LOAD PROCEDURE

The program can be loaded by normal IPL procedure. If IPL is inoperative, the following can be used::

1. By BX manipulation, place the following CW in a main memory location not used by the program.

Data Word Address - SLC Value Word Count - As shown in the program listing Refill - 0 Chain flag - 0, Multiple flag - 1

2. Read by executing the CW in the location in which it was stored by step 1.

II. OVERALL PROCEDURE

All tests of BX-0 require the operator to manually execute control words in Main Memory and to execute various Control and Locate instructions. The following procedure should be followed in the execution of these instructions:

A. Reading or Writing

- 1. Place the BX mode switch in the TEST MODE position.
- 2. Depress CLEAR MEMORY pushbutton.
- 3. Set "Type of Test" to EX MEM.
- 4. From the BX-0 listing, obtain the main memory address of control word desired. Place this address in the REFILL ADDRESS of the panel keys.

- 5. In the EXCHANGE MEMORY ADDRESS switch register, enter the CHANNEL NUMBER desired and bit 128 (Control Word Memory). Make the total parity ODD.
- 6. Depress the "LOAD MEMORY" switch.
- 7. Depress SINGLE CYCLE pushbutton twice.
- 8. Turn OFF the load memory switch.
- 9. In the exchange memory address switch register, turn OFF bit 128. Parity should now be even.
- 10. Be sure the channel to be used is NOT blocked by the BLOCK CHANNEL switches. All data word transfer, service request, and channel signal simulation switches should be OFF.
- 11. Set type of test to Main Memory UNIT.
- 12. Depress the READ or WRITE pushbutton depending upon instruction desired.
- 13. Depress the SINGLE CYCLE pushbutton and check ACCEPT response.
- 14. Depress the START Key. The instruction entered will now be executed.
- 15. To insure proper operation, stop BX and SINGLE CYCLE through BX control word memory until the channel used is selected. At this time, examine the control word for proper interrupt status bits, data word address, and word count setting. Unless otherwise stated, the normal status bit setting is EOP—The flag bits (chain, multiple, and skip) should still be at their original setting.

B. Control or Locate Operations

- 1. Place the BX Mode switch in the TEST MODE position.
- 2. Depress CLEAR MEMORY pushbutton.

- 3. Set "type of test" to UNIT TEST.
- 4. Set the desired channel number in the EXCHANGE MEMORY ADDRESS switch register, even parity count. (Bit 128 must be OFF.)
- 5. In the C₀ C_t panel switches, enter the CONTROL CODE or LOCATE NUMBER desired.
- 6. Depress the CONTROL or LOCATE pushbutton.
- 7. Depress SINGLE CYCLE pushbutton and check for ACCEPT response.
- 8. Depress the START pushbutton and the STOP.
- III. INDIVIDUAL TEST PROCEDURE AND OUTPUT

A. Chain Printer Tests

- 1. Execute the control words as shown on the program listing following the overall test procedure.
- 2. Check printout for correct data as shown below.

PRT 1 operates with chain, multiple, and skip flags zero. Printout is:

THIS LINE OF PRINT CHECKS THE ABILITY TO PRINT. AB -- YZ12-90%. /- #\$&*%

PRT 2 operates with multiple flag only set. Printout is an all character print, three lines, each identified. Failure will cause only one line to be printed.

PRT 3 operates with multiple flag set and tests the ability to recognize end codes. Printout is three lines each identified. On failure - All data will be on one line.

PRT 4 tests BX for word count of 1. Printout is WDCT 1for sucess WDCT 1 FAILURE - on failure

PRT 4A tests BX for word count of 2. The printout is: WORD COUNT 2 - On success WORD COUNT 2 FAILURE - on failure.

PRT 5 operates with multiple and chain flags set. Printout is all data from the above tests, a total of 109 64-bit words.

PRT 6 is a scoping loop which prints the all character print data.

PRT 7 is a scoping loop which prints the end code print data.

PRT 8 is a Suppress Post Spacing test loop. It will suppress post spacing 4 times in each line. For success, all data will be on one line, with normal spacing.

PRT 8 - NOW IS A SUPPRESS POST SPACING TEST LOOP.

PRT 9 is a test of the Select Report functions. It prints according to the Select Report key depressed. If no Select Report keys are depressed all of the select report data will be printed.

The test operates in a continuous loop.

PRT 9 - THIS LINE SHOULD BE PRINTED IF SELECT REPORT 'a' IS DEPRESSED.

Where 'a' corresponds to the Select Report key depressed.

- B. Card Reader Tests
 - 1. Place reader test deck*in card reader and make reader ready. The test deck is numbered octally in column 80.
 - 2. Execute the control words to read in the test deck.
 - 3. Execute the control words for printout or manually fetch the data and compare.

The first test operates with skip, chain, and multiple flags set. The sequence of data is as follows:

1. One Card Read

CARD 1 FIRST CARD READ ... DATA IS IN IQS FORMAT. WORD COUNT ON READ WAS 15. READER PATTERNS IN LATER TEST

- Word Count 1 Test. On success WDCT1 On failure WDCT 1 FAILURE IF THIS PRINTS
 OR IS IN MEMORY WD CNT-1 was not handled by BX.....
- 3. Word Count 2 Test. On success WORD COUNT 2 On failure WORD COUNT 2 FAILURE
- 4. Skip Flag Test. On success THIS IS THE SKIP READ AREA CARD 4 SKIP FLAG TEST On failure IF THIS PRINTS SKIP FLAG FAILED.
- 5. Multiple Flag Test 3 cards read. Lines of print begin as follows:

CARD 5 CARD 6 CARD 7

If only one card reads, MF failed and remainder of test will be out of sequence.

6. Long Read Test - 10 cards read. Lines of print begin as follows:

CARD 8
CARD 9
CARD 10
CARD 11
CARD 12
CARD 13
CARD 14
CARD 15
CARD 16

CARD 17

- 7. Chain Flag Only Test. For success CARD 18.
 TWO CARD READ WITH MF-0. ONLY ONE CARD
 SHOULD READ On failure THIS CARD SHOULD
 NOT BE READ CARD 19
- C. Tape Unit Tests
 - 1. Execute the control words and control instructions at the proper time by following the program listing.

. 4

Since most tape operations require control conditions such as rewind, backspace, etc., the tape test requires that the operator perform these operations from BX following the program listing. Many of the tests are designed specifically to test a particular control function and, therefore, must be run as specified by the program listing. Correct operation is evidenced by the correct printout as shown under the description of each of the five tests.

Test 1. Simple Data and Rewind. Check read-in area manually.

Data: An all 1's 8-bit byte shifts left continuously until an all

0's word is reached. Following this an all 1's word, a 101010

word, and a 010101 word.

Test 2. Data and backspace test. Data checked by printing results on the printer. Data follows:

For Success - TEST 2. DATA AND BACKSPACE TEST THIS IS RECORD 1 - TEST TWO 10 WORDS, CDSC...

TEST 2. RECORD 2 - 15 WORDS, CDSC... DATA FOLLOWS --- AB ... YZ01 ... 89 ------- RECORD 3 IS BKSP TEST.

TEST 2. BACKSPACE WORKED IF THIS LINE 3 TEST 2. TEST 2 RECORD 4. 10 WORDS CR. XXXXXXXXXXX

On Failure - IF THIS PRINTS, BACKSPACE FAILED ...

Test 3. Tape Mark Recognition Test. Data checked by printing results on the printer. Data follows:

For Success - TAPE MARK RECOGNITION RECORD 1.

On Failure - IF THIS PRINTS, TAPE MARK FAILED.

Test 4. Backspace file test. Data checked by printing results on the printer. Data follows:

For Success - TEST 4. BACKSPACE FILE TEST TEST 4. BACKSPACE FILE TEST PASSED

On Failure - TEST 4. BACKSPACE FILE FAILED.

Test 5. Space File Test. Data checked by printing results on printer. Data follows:

For Success - TEST 5. SPACE FILE TEST PASSED.

On Failure - SPACE FILE, TEST 5. FAILED. XXXXXXXXXXX

Also included is a sequence of control words which reproduce the program on tape. The tape can then be loaded by IPL procedure.

D. Operator's Console Tests

In the operator's console tests the following is provided.

- 1. Constants for writing on the console display and typewriter.
- 2. Reserved locations for reading the console switches and typewriter.
- 3. Extended typewriter write operations tests.

The procedure for each test follows.

Test 1 and 2. Write Operation

- 1. Execute the control words write having the console channel selected.
- 2. After each control word is executed, check the display for the data indicated.

Test 1. Chain, multiple and skip flags zero.

Word one - 1. Byte number word which numbers the 8-bit bytes left to right 0-7.

- 2. All l's word
- 3. All 0's word
- 4. Alternate 1's and 0's 8 bit bytes.

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Word two - 1. All 8's word

2. All 7's word

3. Blank word

Word three - 1. All l's word

Test 2. Chain flag set, multiple and skip flags zero.

Chaining two words -

'Word I - Byte pattern

Word 2 - All 8's

Chaining three words -

Word I - All l's

Word 2 - All 8's

Word 3 - All 0's

Test 3 and 4. Read Operation

- 1. Set up data patterns in the console switches and digital pot.
- 2. Execute the control word to read the switches.
- 3. Execute the same control word to write the data for checking.
- 4. Change the patterns and repeat step 2 and 3 for a more complete test.

Test 3. All flag bits zero.

- 1. Read I word
- 2. Read 2 words
- 3. Read 3 words

Test 4. Chain flag set.

- 1. Chains 2 words
- 2. Chains 3 words

Tests 5, 6 and 7. Typewriter write operation.

- 1. Execute the control words.
- Check the printout for correct results.

Test 5. Chain, multiple, and skip flags zero.

- 1. One word on success TYP TST on failure TYP TST FAILED
- 2. End Code Test on success END CODE TEST on failure END CODE TEST FAILED
- 3. One line which is A thru Z 1 thru 0

Test 6. Chain flag set.

- 1. Chain 2 words on success CHAINING TEST S on failure FAILED
- 2. Chain 3 words on success CHAINING TEST SUCCESS on failure FAILED

Test 7. Chain and Multiple flags set

- 1. Multiple flag and end code on success MLTIPLE TEST SUCCESSFUL
 On failure Spaces between 'MLTPLE' and 'TEST'.
- Simultaneous end code and word count zero on success -MC TST SUCCESS
 On failure - Spaces between 'TEST' and 'SUCCESS'.

Test 8 and 9. Typewriter Read Operation

- 1. Execute control words and read console.
- 2. Enter data from console typewriter.
- 3. Using the same control words and write out data for checking.

Test 8. Chain and multiple flags set.

- 1. Read 40 characters, no flags set.
- 2. Read 40 characters, chain, read 32 more.
- 3. Read words multiple flag mode.
- 4. Read 25 words with multiple flag set.
- 5. Read 10 words with the multiple flag set, chain, read 8 more words.

Test 9. Chain, multiple and skip flags set.

- 1. Skip 5 words, read 3 with chain flag only set.
- 2. Skip 4 words in multiple block mode, chain, read 5 more words.

In the read tests with the multiple flag set, and an end code is entered, the next three words will be read from the console switches.

Typewriter Tests

1. Backspace test loop.

Loops and types - This is a BACKSPACE test.

2. Ripple test.

Types 26 lines upper case letters.

3. All character ball movement test.

Loops and types all characters.

E. Card Punch Tests

Tables of punch formats for checking pattern cards.

1. Non ECC-Mode, 15 words per card-Starting bit position.

Word	Column	Row
1	1	12
2	6	2
3	11	6
4	17	12
5	22	2
6	2 7	6
7	. 33	12
8	38	2
9	43	6
10	49	12
11	54	2
12	59	6
13	65	12
14	70	2
15	75	6

2. ECC Mode, 13 words per card.

All words begin with the C-bits in Row 12

Word	Column
1	1
2	7
3	13
4	19
5	25
6	31
7	37
8	43
9	49
10	55
11	61
12	67
13	73

3. Table of bits on which the ECC bits are based.

ECC Bits	Data Bits
C-0	0-32
C-1	1, 3, 5,61, 63, & 32
C2	2-3, 6-7, 10-11, 62-63
`C-4	4-7, 12-15, 60-63
C-8	8-15, 24-31, 40-47, 56-63
C-16	16-31, 48-63
C-32	0, 32-63

C-T is based on overall parity including ECC bits.

Card Punch Test Procedure

- 1. Make card punch ready.
- 2. Execute the control words with a write instruction to the card punch.
- 3. Examine the cards if in the pattern tests, or if in the extended tests use the control words provided for the card reader and printer to check the data.

1. Test 1. Punch Pattern Cards

Non ECC Mode - Punches a diagonal pattern from Column 1, Row 12, to Column 12, Row 9, a total of 13 cards punched.

ECC Mode

- 1. Punch 9 cards and floats a 'l' in the C-bits.
- 2. Punch 9 cards and floats a '0' in the C-bits.

Test 2. Extended Punch Tests

This test uses printer data and the card reader and chain printer for checking. Each test card is identified with an octal number in the last column.

3.1.2. Success Indications

The success indications are indicated in the detailed test procedure.

3.1.3 Failure Indications

The failure indications are listed in the detailed test procedure.

3.1.4 Supplementary Information

I. Strap Code Control Word Format

The format for a Strap Coded Control Word is as follows:

CW(OP), Data Word Address, Word Count, Refill, where 'OP' is coded as in the table below:

<u>OP</u>	Skip Flag	Multiple Flag	Chain Flag	Operation
CR ,	0	0	0	Count Within Record
CCR	0	0	1	Chain Counts Within Record
CD	0	1	0	Count Disregarding Record
CDSC	0	1	1	Count Disregarding Record, Skip and Chain
SCR	1	0	0	Skip, Count Within Record
SCCR	1 🔅	0	1	Skip, Chain Counts Within Record
SCD	1	1	0 .	Skip, Count Disre- garding Record
SCDSC	1	1	1	Skip, Count Disregarding Record, Skip and Chain

II. Explanation of File Numbers

Four versions of the BX-0 program are presently available. These programs differ only in the printer code used and in the starting location. The versions are:

File No.	Printer Code	Starting Location		
KA EX1	48 ECS	50,000		
KA EXIA	48 ECS	100,000		
KA EXIB	48 BCD	50,000		
KA EXIC	48 BCD	100,000		

4. PROGRAM PHILOSOPHY

BX-0 is designed for parallel maintenance. It uses control word sequences to test data paths to and from main memory and to and from the I/O units. The test is independent of CPU and requires the ability to get to and from main memory to operate.

All tests start with the simplest control words and proceed to include the chain, multiple and skip flags. The test is executed completely from BX and, therefore does not test communication paths to and from CPU or all of the control functions.

Program: BX-0

File: KA EXI EC Level: KA EXIA

KA EXIB

PROGRAM SUMMARY

PROGRAMS OBSOLETED

None.

FUNCTION To test the data paths to and from the I/O units and to and from main memory independent of CPU.

BASIC CONTROLS Controlled manually from the BX densole.

MANUAL INTERVENTIONS Not applicable.

SUCCESS INDICATIONS Correct data in memory, and correct printouts.

FAILURE INDICATIONS Failure printouts and incorrect data in main memory.

PROGRAM OPTIONS

FIGURE 1

	PRNID.BXO - BASIC EXCHA	NGE OFF LINE MAINTENANCE-	-E.W. JOHNSON K	A EXIB	
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	SEM+6						

-	CMACDA	CTART.	FND-	STAR	T+10 -IPL CONTROL WORD	50000.00 20 070740.00 00	047777.00
	THIS COL	NTROL	WORD	15	USED TO READ IN PROGRAM		
	AUTOMAT	ICALLY.	BY	NORM	AL - INITIAL PROGRAM LUAD -		
**	PROCEDU	RES	1F 1	PL I	S UNAVAILABLE, THE PROGRAM		
400	FOLLOW!	N BE M	CFDU	RF	READ-IN BY USING THE		
***) OECON II	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
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	4 %	V BV 44	ANIES	141 87	ION+ PLACE THE FOLLOWING CW		
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	CODING.			- Ang. No.			
***	m o más à m		- LJW (A.D.	0.4	ATA WD ADR. WD COUNT. REFILL		
-	FORMAL.	****	WAUP	THE PARTY	IIA BU MUNIBRU COMERNIA TOM	nagy are an any age at the month.	
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***	OP	SKIP	MF	CF	OPERATION		
***		0	0	0	COUNT WITHIN RECORD		
-	CR CCR	<u>_</u>	Ŏ	_ĭ	CHAIN CHTS WITHIN RECORD		
**	CD	ŏ	1	ō	COUNT DISREGARDING RECORD	•	
	CDSC	0_	1_	_1_	COUNT DISREGARDING RECORD		
Alin	~~~	4	Λ	6	SKIP AND CHAIN SKIP COUNT WITHIN RECORD		
	SCR SCCR	1	0	1	SKIP CHAIN COUNTS WITHIN		
-					RECORD		
-	SCD	1	1	0	SKIP+COUNT+DISREGARDING		
*	***	4	1	1	SKIP COUNT DISREGARDING		
***	SCDSC	1			RECORD SKIP AND CHAIN		
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Residence of the control of the cont

	START	NOP NOP	+START OF TEST	0+30 00 0+30 00	050000.00 050000.40	
	**	NOP	-PRINTER SECTION	0.50 00	090000.40	
	**	PRINTER TEST CONTROL WOL	RDS			
	PRT1	CW%CRB.LINE1.17.0	-EXECUTE THIS CONTROL TO TEST -ABILITY OF PRINTER TO PRINTPRINTS ONE LINE OF PRINT INFO.	50016.00 00 000420.00 00	050001.00	
	*					
	PRT2	CW&CDB+LINE2+51+0	-MF TEST- ALL CHARACTER PRINTNO END CODE- 3 LINES OF PRINT.	50037.00 20 001460.00 00	050002+00	
	PRT3	CW%CDm+LinE3,31,0	-MF TEST, END CODE TEST- -PRINTS 3 LINES OF PRINT, EACH -IDENTIFIED.	50122.00 20 000760.00 00	050003.00	
		·				
	PRT4	CW&CR#+BXWC1+1+0	-BX WORD COUNT -1- TESTUSES PRINTER TO INDICATE	50161.00 00 000020.00 00	050004+00	
	**		-SUCCESS.PRINTS WDCT1 ON SUCCESS, -WDCT1 FAILURE-ON FAILURE			
	PRT4A	CW%CR#+BXWC2+2+0	-BX WORD COUNT -2- TESTUSES PRINTER TO INDICATE	50163.00 00 000040.00 00	050005.00	
			-SUCCESS.PRINTS-WORD COUNT 2- -ON SUCCESS AND-WORD COUNT 2 -FAILURE-ON FAILURE.			
			and the same of the same			
	PRT5	CW&CDSCH.LINE1.17.5+1.	-CHAIN FLAG/MULTIPLE FLAG TEST	50 016.00 60 00 0421.20 07	050006+00	
	PRIZ	CW%CDSCm+LINE2.51.\$+1.	-DO ALL ABOVE FUNCTIONS	50037.00 60 001461.20 08	050007.00	
			-WITH CF AND MF SET 1	50122.00 60 000761.20 09 50161.00 60 000021.20 05	050010.00 050011.00	
	**	A WWW		0 0 0 0101		
	PRT6	CW&CDSCm.LINE2.51.5	-SCOPING LOOP-CONTINOUS PRINT	50037.00 60 001461.20 0A	050012.00	
	PRT7	CW&CDSCm+LINE3,31.8	-SCOPING LOOP-END CODE PRT	50122.00 60 000761.20 0B	050013.00	
	*					
	***	SELECT REPORT PRINTER TE	EST			
	**	-THE PROGRAM LOOPS PRINT	•			
	**		7			
	**	IF NO KEY IS DEPRESSED	THE PROGRAM WILL LOOP			
_	*	PRINTING ALL DATA FROM 1				
	PRT6	CW&CDSCn.CCFC.32.5	-LOOP FOR CARRIAGE -CONTROL FIELD TESTS.	50207.00 60 001001.20 OC	050014.00	
	***	SUPPRESS POST-SPACING PR	INTER TEST			
	*					
- 4	PRT9	CWACDSCD+SPS1+17+5	-LOOP FOR SUPPRESS	50166.00 60 000421.20 0D	050015.00	

-	END OF PRINTER TESTS			
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	**	PRINT DATA			
	**	,			
	1 1 44 FT 4	%8mDD%BU+8+8m+000 CHAR CONTROL BYTE	000	050016.00	
	LINEI	% AZRODSBU.8.84.THIS LINE OF PRINT CHECKS THE ABILITY TOZ	000	050016.10	
		% AZIDD%BU.8.8H. PRINT. ABCDEFGHIJKLMNOPORSTUVWXZ		050023.10	
		% AANDD%BU.8.8E.Y71234567890A		050027-10	
				050030.50	
		%AZDDD%BU,8,8n,,~%n+-+\$*/,Z	033		
		%16=DD%BU+8+8=+1A % AZ=DD%BU+8+8=+ ONLY ONE LINE SHOULD PRINT Z	032	050032.00 050032.10	
		% AZDD%BU,8,80,PRT1 Z		050036.10	
	-				
	LINE2	%8mDD%BU.8.8m.000 -CHAR CONTROL BYTE-LINE 1	000	050037.00	
	3m 9 13 3m Fg	% AZBDD%BU,8,8B, ABCDEFGHIJKLMNOPQRSTUVZ		050037.10	
		% ATHDD%BU.8.8H.WXYZ0123456789 ABCDEFGHIJKLMNOPQT		050042.00	
		% AQUDD%BU,8,80,RSTUVWXYZ0123456789 ALL CHARACTEQ		050046.00	
		% AZUDD%BU:8.8U:R PRINT Z		050052.00	
		\$AZ¤DD\$BU ₉ 8 ₉ 8u ₉ - %u+-+\$#/ ₉ Z		050053.00	
		\$16mD0\$8U.8.8m.1A	032		
		% AZEDD%BU,8,8E, THREE LINESZ		050054.40	
		% AZBDD%BU.8.8B. FIRST LINE Z		050056.00	
	**				
	· · · · · · · · · · · · · · · · · · ·	%8mDD%BU.8.8m.000 -CHAR CONTROL BYTE-LINE 2	000	050060.00	
		% AZBDD%BU,8,8B, ABCDEFGHIJKLMNOPQRSTUVZ		050060.10	
		% ATDDD%BU.8.8D.WXYZ0123456789 ABCDEFGHIJKLMNOPQT		050063.00	
		% AQIIDD%BU,8,8II,RSTUVWXYZ0123456789 ALL CHARACTEQ		050067.00	
		% AZEDD%BU.8.8E.R PRINT Z		050073.00	
		%AZDDD%BU,8,8D,%D+-+\$*/,2		050074.00	
		%16mDD%8U.8.8m.1A	032	050075.30	
		% AZDDD%BU,8,8D, THREE LINESZ		050075.40	
		% AZUDD%BU,8,8U, SECOND LINE Z		050077.00	
	**				
		%80DD%BU.8.80.000 -CHAR CONTROL BYTE-LINE 3	000	050101.00	
		% AZEDD%BU,8,8E, ABCDEFGHIJKLMNOPORSTUVZ		050101.10	
		% ATDDD%BU.8.8D.WXYZ0123456789 ABCDEFGHIJKLMNOPOT		050104+00	
		% AQUDD%BU,8,80,RSTUVWXYZ0123456789 ALL CHARACTEQ		050110.00	
		% AZUDD%BU.8.8U.R PRINT Z		050114.00	
		%AZBDD%8U.8.8BP.+-%B+-+\$#/.Z		050115.00	
		%16=DD%8U+8+8=+1A	032		
		% AZDDD%BU,8,8D, THREE LINESZ		050116.40	
		% AZUDD%8U.8.8U. THIRD LINE Z		050120.00	

	LINES	%8mDD%BU,8+8m,000 -CHAR CONTROL BYTE	000	050122.00	
-		% AZDODSBU.8.8D.MULTIPLE FLAG EQUAL 1 TEST WITH Z		050122.10	
		% AZDDD%BU.8,80.END CODE. THIS IS THE FIRST LINEZ		050126.10	
		%8#DD%BU-8-8#-376 -FIRST END CODE END OF LINE 1	376	050132.70	
		%8BDD%BU+8+8H+000 -CHAR CONTROL BYTE-2ND LINE	000	050133.00	
		& AZEDOSBU-8-BE-THIS IS THE SECOND LINE OF MF/END CODE TZ		050133.10	
		% AZUDD%BU,8.80.EST. 376 IS USED FOR END CODEZ		050140.10	
		%8mD0%BU.8.8m.376.000	376		
			000	050144+10	
		% AZDDD%BU,8.8D.FAILZ		050144.20	
		CNOP			
	-	%80DXBU.8.80.000 -CHAR CONTROL BYTE-3RD LINE	000		_
		% AZEDD%BU,8,8E,THIS IS THE THIRD AND LAST LINE OF END CZ		050145.10	
		% AZHDD%BU,8,8H,ODE/MF TEST-PRT3-WD CNT O STOPS PRINTZ		050152.10	
		% AZEDD%BU.8.8E, ON THIS LINEZ		050156.60	
		CNOP		A	

		And the second s			G
. 	BXWC1	%8mDD%BU+8+8m+000	000		
		% AZmDD%BU,8,8m,WDCT1 Z		050161+10	
		% AZEDD%BU,8,8E,FAILUREZ		050162+00	1 4
• •	**	CHOD			
		CNOP			
	BXWC2	%8nDD%BU,8,8n,000	000	050163.00	
		% AZDDO%BU,8,8H,WORD COUNT -2- Z		050163.10	
		% AZEDD%BU,8,8=,FAILURE Z		050165+00	
* *	≪ ••				
	*	SUPPRESS POST SPACING TEST DATA			
		***************************************	240	0501// 00	
3:	SPS1	%8nDD%BU.8.8n.360.000		050166.00 050166.10	
1		% AZEDD%BU.8.8E.NOW Z	000	050166.20	
		%8¤DD%BU+8+8¤,376	376	050166.70	
1	SPS2	%8mDD%BU.8.8m.360.000.000.000.000	360	050167-00	
			000	050167-10	
			000	050167.20	
			000	050167.30	
			000	050167-40	
			000	050167.50	
		% AZEDD%BU.8.8E.IS A SUPPZ		050167-60	
		%8mD0%BU,8,8m,376	376	050170.70	
	SPS3	%8mDD%BU,8,8m,360,000,000,000,000,000	360	050171-00	
			000	050171.10 050171.20	
			000	050171.30	
			000	050171.40	
			000	050171.50	
			000	050171.60	
		DD%BU,64,80,0	000000000000000000000000000000000000000	050171.70	
1		% AZDDD%BU,8,8D,RESS POZ		050172.70	
i.,		%8nDD%BU+8+8n+376+000	376	050173+60	
,		WA-PANELL B. A. B.C. BAD. BAD. BAD. BAD. BAD. BAD. BAD. BAD	000	050173.70	
,	SPS4	%8mDD%8U+8+8m+360+000+000+000+000	360 000	050174.00 050174.10	
			000	050174.20	
1			000	050174-30	
1			000	050174.40	
·			900	050174-50	
8	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DD%BU,64,8m,0	000000000000000000000000000000000000000	050174.60	
		DD%BU*64.80.0	000000000000000000000000000000000000000	050175.60	
		% AZDDD%BU,8,8D,ST SPACING T Z		050176.60	
1		%8mDD%BU.8.8m.376.000.000	376	050200-40	
1			000	050200.50	
18			000	050200-60	
1	***	WEMBRODIL S. DM. OOO	000	050200.70 050201.00	
-	SPS5	%8¤DD%BU+8+8¤+000 DD%BU+64+8¤+0	000000000000000000000000000000000000000	050201+10	
15		DD\$BU.64.80.0	000000000000000000000000000000000000000	050202.10	
14		DD%BU,64,80,0	0000000000000000000000	050203.10	
		DD\$BU*64*8H*O	000000000000000000000000000000000000000	050204.10	
12		% AZDDOSBU.8.8D.EST LOOPZ		050205.10	
11(%8¤DD%BU+8+8¤+376	376		
}		CNOP	0.30 00	050206.40	
ε _ξ	***	SELECT REPORT TEST DATA			
	p p an e	%8mDD%BU,8,8m,341,000	341	050207.00	
(= (CCFC	NONDANDO POR EDIT FOOD		050207.10	
, à ·		% AZDDD%BU.8,8D, THIS LINE SHOULD BE PRINTED IF SELECT Z		050207.20	
		% AZEDD%BU.8.8E.REPORT 1 IS DEPRESSEDZ		050214-00	
1		%8mDD%BU,8,8m,376	376	050216+70	
		%8mDD%BU.8.8m.342.000	342	050217.00	a sama and and an electrical

	THE PERSON OF TH	•••	050317 90	
Andrew 1	W ATHONIAL RESHOULD BE PRINTED IT SELECT		050217+20 050224+00	-
1	% AZBOD%BU+8+8B+REPORT 2 IS DEPRESSED++Z	27/		
1 :	%8nDD%BU,8,8n,376		050226+70 050227+00	
	%8mDD%8U,8,8m,344,000	344	050227-10	
		000	050227.20	
	% AZEDD%BU.8.80.THIS LINE SHOULD BE PRINTED IF SELECT Z		050234.00	
	* AZMODSBU.8.8M.REPORT 3 IS DEPRESSED.Z	477		
	%8mDD%8U+8+8m+376	376	050236.70	
:	%8mDD%8U,8,8m,350+000		050237.00 050237.10	
1		000	050237-20	
	% AZEDDABU. 8.80. THIS LINE SHOULD BE PRINTED IF SELECT Z		050244.00	
Ì	% AZEDD%BU,8,8E,REPORT 4 IS DEPRESSEDZ	374	050246.70	
	%8mDD%8U,8,8m,376	3/6	030246 10	
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-	CARD READER TESTS			
	####OPERATOR####			
*				
444		•		
***	PLACE THE READER TEST D			
-	HOPPER AND MAKE READER R			
•••	WORD SEQUENCE WILL READ	IN THE ENTIRE TEST DECK.		

***	THE IT IS DESIRED TO	RUN EACH TEST SEPARATELY.		
alle.		SEQUENCE IS REPEATED WITHOUT		
		QUENCE ONLY IF CHAIN FLAG		
***	OPERATION IS QUESTIONABL	E.ADDITIONAL TESTS ARE		
•		FIRST AND SECOND CW SEQUENCE.	<u> </u>	
***		ONS OF READER SUCH AS SCOPING		
	FEATURES AND ECC TESTS	****		
	ONE TEST DECK IS AVAILAB	LE FOR THE READER TESTS.		
***		OSTLY IQS DATA WHICH ARE		
**		RDR CONTROL WORD SEQUENCE CHAIN PRINTER. THE IQS DATA		
		PLANATORY. THE LAST WORD OF		
***		AS DESCRIBED BEFORE IN BOTH DECKS		
	mander artists of sample in the			
				
jes		N ALSO BE USED FOR CHECKING THE		
**	CARD READER.			
				
RDR	CW%CDSCH,CARD1,15,5+1.0	-FIRST CARD-IDENTIFIED	50313.00 60 000361.20 A8	050247.00
-	CHECOSCH CADD2 1 . C+1 . O	-SECOND CARD-WORD COUNT 1 TEST.	50332.00 60 000021.20 A9	050250.00
	CMBCD3CU\$CARD2\$1\$3+1\$0	-SHOULD SKIP TO THIRD CARD.	30332400 00 000021420 A9	070230400
puis-				
	CW%CDSCn+CARD3+2+5+1+0	-THIRD CARD-WORD COUNT 2 TEST.	50351.00 60 000041.20 AA	050251.00
		-SHOULD SKIP TO FOURTH CARD.		
in-	CHRECCOM CARDA A EAT O	-FIRST 4 WORDS OF CARD4 SHOULD BE	50370.00 50 000101.20 AB	050252.00
	CWSSCCR#+CARD4+4+5+1+0	-SKIPPED.WITH SKIP FLAG.	20210400 20 000101420 MD	0,502,524,00
**		WARTE BEEFILE STATE LETTER		
	CW&CDSCH . CARD4+4.0.11.5+	1.0 -READ IN REMAINDER OF CARD 4.	50374.00 60 000261.20 AC	050253.00
**				
	CWSCDSCI CARD5,45,5+1.0	-READ IN 3 CARDS-MF READ.	50407.00 60 001321.20 AD	050254+00
**	######################################	- ANG DEAD-10 CARDS	ENAKA DO LO NOVEVE TO AE	050755.00
	CW%CDSCm,CARD8.150.5+1.0	-LUND READ-IU CARUS.	50464.00 60 004541.20 AE	050255.00
	CW%CRH,CARD18,30,0	-SHOULD ONLY READ ONE CARD.	50712.00 00 000740.00 00	050256.00
	ACCOUNT AND STANKED AND ASSESSMENT OF THE PERSON OF THE PE	<u>च्या च्या च्या च्या च्या प्रकार राज्य प्रशास व्यक्त व्यक्त</u>		

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	-	THE DESIGNED TO DEADER T	EST CAN EASILY BE DETERMINED BY		
	416	TWO MEANS.	EST CAR CASICI DE DETERMINED OF		
	**		CNT WDS AND PRINT RESULTS ON		
	**		EAD IN DATATHE LAST WORD		
	*		S ITS OCTAL CARD NUMBER IT POSITIONS.WHERE FULL CARD		
	**		PARE WITH IQS STATEMENTS.		
	**				
	***		SEQUENCE IS NOW REPEATED		
	**	WITHOUT CHAIN FLAGS			
	RDR1	CW%CRT,CARD1,15,0	-FIRST CARD	50313.00 00 000360.00 00	050257•00
	RDR2	CW%CRu,CARD2,1,0	-SECOND CARD-WORD COUNT 1 TESTSHOULD SKIP TO THIRD CARD	50332*00 00 000020*00 00	050260+00
	RDR3	CW&CRD.CARD3.2.0	-THIRD CARD-WORD COUNT 2 TEST.	50351.00 00 000040.00 00	050261.00
,	RDR4	CROCK-FCARD39240	-SHOULD SKIP TO FOURTH CARD.	0.00 00 000000.00 00	050262.00
	RDR5	CW%SCR#,CARD4,4,0	-SKIP FIRST 4 WORDS WITH SKIP FLAG.	50370.00 10 000100.00 U0	050263.00
	RDR6	CW%CDU,CARD4+4.0,11.0	-READ+IN REMAINDER OF CARD 4.	50374.00 20 000260.00 00	050264+00
	RDR7	CW%CDII,CARD5,45,0	-THREE CARD MF READ.	50407.00 20 001320.00 00	050265.00
	RDR8	CW%CDH.CARD8.150.0	-LONG READ- 10 CARDS.	50464.00 20 004540.00 00	050266.00
	RDR9	CW%CRD+CARD18+30+0	-SHOULD ONLY READ ONE CARD.	50712.00 00 000740.00 00	050267+00
	-spips -spin-				
	- MORE	TESTS WILL BE ADDED AT	A LATER DATE		
	**				
	*	THE FOLLOWING GROUP OF READ IN DATA OF READER			
	*	INCLUDED TO PRINT FAILU			
1		ALL TESTS FOR EXPLANATE			
		DESCRIPTION WRITE-UP			

	CHKRDR	CW%CDSCu.CARD1.15.5+1.0		50313.00 60 000361.20 89	050270+00
		CW&CDSCH,CARD2,15,\$+1.0		50332.00 60 000361.20 BA	050271.00
		CWSCDSCH CARD3+15+S+1+0		50351.00 60 000361.20 BB	050272.00
•		CW%CDSC#, CARD4; 15; \$+1.0 CW%CDSC#, CARD5; 15; \$+1.0		50370+00 60 000361+20 BC 50407+00 60 000361+20 BD	050273.00 050274.00
		CW%CDSCH,CARD6,15,5+1.0		50426.00 60 000361.20 BE	050275+00
		CW%CDSC=+CARD7+15+5+1+0		50445.00 60 000361.20 BF	050276.00
		CW&CDSCH,CARD8,15,8+1.0		50464.00 60 000361.20 CO	050277.00
		CWSCDSCB CARD9 15 \$+1.0		50503.00 60 000361.20 Cl	050300.00
	V	CW%CDSC#,CARD10+15+8+1+	0	50522.00 60 000361.20 C2	050301+00
		CWSCDSCH+CARD11+13+5+1+		50541.00 60 000361.20 C3	050302.00
		CW%CDSCH, CARD12, 15, 5+1.		50560.00 60 000361.20 C4	050303.00
•		CWWCDSCH, CARDIA, 15, S+1,		50577.00 60 000361.20 C5	050304.00
×		CW%CDSCH,CARD14,15,5+1.		50616.00 60 000361.20 C6	050305+00
·	•	CW&CDSCm, CARD15.15.\$+1.		50635.00 60 000361.20 C7	050306.00

CHRCDSCU,CARD18,15,5+1.0 CHRCDSCU,CARD19,15,5+1.0 50771: CHRCDSCU,CARD19,15,5+1.0 50771: 50772: 50772: 50773: 50772: 50773:	
18 15	
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	-	READ IN AREA FOR RD	R AND RDR1-RDR9 TESTS			
	**					
	**	CNOP				
***	140	CNOP				
	CARD1	DR%8U,64,8m,14		16.00	050313.00	
		DR%BU,64,8m,1	-CARD 1 IDENTITY	1.00	050331.00	· · · · · · · · · · · · · · · · · · ·
	CARD2	DR%8U-64-80-1	-WORD COUNT 1 DATA	1.00	050332.00	
	CARDZ	DR%BU,64,80,14	-THIS AREA SHOULD BE BLANK	16.00	050333.00	
	-					
	CARD3	DR%BU,64,81,2	-WORD COUNT 2 DATA	2.00	050351.00	
		DR%BU.64.85.13	-THIS AREA SHOULD BE BLANK	15.00	050353.00	
	CARD4	& AZHODWELL-R-SO- TI	HIS IS THE SKIP READ AREAZ		050370+00	
	Canva	DR%BU,64,81,10	-CARD 4 DATA	12.00	050374.00	
•		DR%BU+64+8=+1	-CARD 4 IDENTITY	1.00	050406.00	

	CARD5	DR%BU,64.81.14	-CARD 5 DATA	16.00	050407.00	
		DR%BU,64,81,1	-CARD 5 IDENTITY	1.00	050425 • 00	
	CARD6	DR\$BU.64.80.14	-CARD 6 DATA	16.00	050426+00	
	CHROG	DR%BU.64.8m.1	-CARD 6 IDENTITY	1.00	050444.00	
	nio .					
	CARD7	DR%BU+64+8H+14	-CARD 7 DATA	16.00	050445+00	
		DR%BU,64,82,1	-CARD 7 IDENTITY	1.00	050463.00	
	CARD8	DR%BU,64,80,14	-CARD 8 DATA	16.00	050464.00	
	7 111	DR%8U.64.8m.1	-CARD 8 IDENTITY SOCTALE	1.00	050502+00	

	CARD9	DR\$BU,64,80,14	-CARD 9 DATA	16.00	050503.00	
		DR%BU+64+8U+1	-CARD 9 IDENTITY %OCTAL	1.00	050521.00	
	CARD10	DR%BU,64,85,14		16.00	050522.00	
		DR#8U,64,80,1	-CARD 10 IDENTITY SOCTALE	1.00	050540+00	
	**	DENDING ALL DON THE		34 40	****	
	CARD11	DR#BU.64.8m.14	-CARD 11 IDENTITY %OCTAL	16.00	050541.00	
	_	DR%BU,64,85,1	-CARD II IDENIIII BOCIALA	1.00	050557 • 00	
	CARD12	DR%8U,64,8¤,14		16.00	050560+00	
		DR%BU,64,82,1	-CARD 12 IDENTITY WOCTALE	1.00	050576+00	
	**					
· · · · · · · · · · · · · · · · · · ·	CARD13	DR%BU.64.81.14	MANN BA INCLUSION	16.00	050577.00	
	<u>.</u>	DR%8U,64,81,1	-CARD 13 IDENTITY	1.00	050615.00	
	CARD14	DR#8U,64,80,14		16.00	050616.00	****
		DR\$8U,64,8H,1	-CARD 14 IDENTITY	1.60	050634.00	
	**					
	CARD15	DR&BU.64.80.14		16.00	050635.00	
•		DR%8U,64,8E,1	-CARD 15 IDENTITY	1.00	050653.00	
	CARD16	DR%8U,64,8#,14		16.00	050654 • 00	
	CAROLO	DR#BU+64+8#+1	-CARD 16 IDENTITY	1.00	050672.00	
	*					
	CARD17	DR%BU.64.8E.14		16.00	050673.00	
		DR%BU.64,82,1	-CARD 17 IDENTITY	1.00	050711.00	
	CARD18	DR%BU,64,8m,14		16.00	050712.00	
<u> </u>	CVKNIA	DR%BU.64.85.1	-CARD 18 IDENTITY	1.00	050730.00	
,	**		1			
'.	CARD19	DR &BU, 64, 80, 15	-CARD 19 SHOULD NOT HAVE READ	17.00	050731.00	3

***	729-IV- TAPE TESTS		
416	BOTH DATA AND TAPE CONTROL ARE CHECKED IN THESE		
***	TESTS. INSTRUCTIONS ARE INCLUDED WITHIN THE TESTS		
***	INDICATING THE TYPE OF CONTROL INSTRUCTION		
**	NEEDED. ITS CODE FOR MANUAL EXECUTION. AND THE		
-	TIME OF WHICH IT SHOULD BE EXECUTED. EACH		
der.	STEP OF A PARTICULAR TEST IS NUMBERED BY ORDER		
	OF EXECUTION.		
_	O' EXECUTIONS		
**			
	TEST 1 SIMPLE DATA AND REWIND.		
	MANUALLY LOCATE DRIVE.		
***	1REWIND TAPE. CONTROL CODE 01011110		
	2EXECUTE FOLLOWING CONTROL WORD-WRITE		
	man man som a som a sommen sa stade of entall transmitted to the territories.		
	CW%CR#,RCRDA,12,0	51004.00 00 000300.00 00	050750.00
	######################################		
***	3REWIND TAPE. CONTROL CODE 01011110		
***	4EXECUTE FOLLOWING CONTROL WORD-READ		
40	18 MAN AND A MAN AND AND AND AND AND AND AND AND AND A		
-	CWSCRD+TPRD1+12+0	51140.00 00 000300.00 00	050751.00
**	MANUAL STATE OF THE STATE OF TH		
	TO CHECK DATA, CHECK READ IN AREA MANUALLY.		
-	DATA IS IN A SIMPLE FORM. AN ALL ONES BYTE		
499	SHIFTS CONTINUALY TO THE LEFT ONE FULL BYTE		
	FOR EACH WORD READ UNTILL AN ALL ZEROS WORD		***************************************
	IS REACHED. FOLLOWING THIS IS AN ALL ONES		
	WORDS, A 10101WORD, AND A 01010WORD.		
4-	MONOCA W TOTOTAGGRADAM WAS WON W OTOTOGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG		
			

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***	TEST 2 DATA AND BACKSPACE TEST		
	TEST CHECKED BY PRINTING RESULTS	Alika	
****	ON CHAIN PRINTER.		
	1LOCATE DESIRED DRIVE.		
	2REWIND TAPE. CONTROL CODE 01011110		
**	3EXECUTE FOLLOWING GROUP OF CONTROL WORDS-WRITE		
**	CW%CDSCm,RCRD1,10,5+1.0	51020.00 60 000241.21 EB	050752+00
	CW&CDSCU,RCRD2,15,8+1.0	51032.00 60 000361.21 EC	050753.00
Vi P	CW%CRm,RCRD3,5,0	51051.00 00 000120.00 00	050754.00
**	4BACKSPACE TAPE. CONTROL CODE 01111110		
	5EXECUTE FOLLOWING CONTROL WORD-WRITE		
***		51056.00 60 000121.21 EE	050755.00
	CW%CDSCH_RCRD4,5,\$+1.0	51063.00 00 000240.00 00	050756.00
**	CW%CRD+RCRD5+10+0	71003400 00 000240400 00	03013000
***	6REWIND TAPE. CONTROL CODE 01011110		
	7EXECUTE FOLLOWING CONTROL WORDS-READ.		
***	CW%CDSCn.TPRD2.10.\$+1.0	51154.00 60 000241.21 FO	050757.00
	CW%CDSCI,TPRD3,15,s+1.0	51166.00 60 000361.21 F1	050760-00
	CW%CDSCn+TPRD4+5+8+1+0	51205.00 60 000121.21 F2	050761.00
	CW%CR#+TPRD5+10+\$+1+0	51212.00 00 000241.21 F3	050762.00
	A TO CUECU TECTO HOE ADOUT OF ON CONTROL HODDS ASAIN		
***	8TO CHECK TESTS. USE ABOVE SET OF CONTROL WORDS AGAIN		
	ONLY THIS TIME. PRINT READ IN AREA ON PRINTER.		
*			
**			
			•

	TEST 3. TAPE MARK RECOGNITION TEST.		
	- 1LOCATE DESIRED DRIVE.		
	- 2REWIND TAPE. CONTROL CODE 01011110 - 3EXECUTE FOLLOWING CONTROL WORD-WRITE		· · · · · · · · · · · · · · · · · · ·
	- 34-EXECUTE FOLLOWING CONTROL WORD WATTE		
	CW%CDm,RCRD10,5,\$+1.0 -SHOULD NOT CHAIN.	51075.00 20 000121.21 F4	050763.00
	CWSCRD,RCRD10,5,0	51075.00 00 000120.00 00	050764.00
,	- 4WRITE A TAPE MARK. CONTROL CODE 01001111		
	- 5EXECUTE FOLLOWING CONTROL WORD-WRITE.		
	CW%CR=+RCRD11+5+0	51102.00 00 000120.00 00	050765.00
	- 6REWIND TAPE. CONTROL CODE 01011110		
	- 7EXECUTE FOLLOWING CONTROL WORD-ONLY ONE RECORD	·	
	- SHOULD READ. TAPE MARK SHOULD CAUSE DISCONNET AT 6TH		
			A.0.2
,	CW%CD=,TPRD6,15,0	51224.00 20 000360.00 00	050766.00
	*		
	- 8EXECUTE ABOVE CW WITH PRINTER WRITE TO OBSERVE RESULTS.		
,			
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Action the property of the same

TEST 4BACKSPACE FILE TEST.			
- 1LOCATE DESIRED DRIVE.			
- 2REWIND TAPE. CONTROL CODE 01011110			
- 3EXECUTE FOLLOWING CONTROL WORD-WRITE			
CW%CDm,RCRD12,5,0		51107.00 20 000120.00 00	050767.00
- 4WRITE A TAPE MARK. CONTROL CODE 01001111	46.	-	
- 5EXECUTE FOLLOWING CW - WRITE			
CWSCDS,RCRD13,5,0		51114.00 20 000120.00 00	050770.00
CWBCDGARCROIDADAO		21114400 20 000120400 00	020110400
- 6BACKSPACE FILE. CONTROL CODE 01111111			
- 7EXECUTE FOLLOWING CW-WRITE			-
CWSCOm, RCRD14,5,0	į	51121.00 20 000120.00 00	050771.00
- 8REWIND TAPE. CONTROL CODE 01011110	11 to 1 t		
- 9EXECUTE FOLLOWING CONTROL WORDS-READ.			
••		Transfer to the second	
CWSCD#,TPRD7,10,0		51243.00 20 000240.00 00	050772.00
- 10EXECUTE FOLLOWING CW ON-PRINTERPRINT.			
CW%CD=,TPRD7,10,0		51243.00 20 000240.00 00	050773.00

-	TEST 5 SPACE FILE TEST	-	
•	1LOCATE DESIRED DRIVE.		
	2REWIND TAPE. CONTROL CODE 01011110		
-	3EXECUTE FOLLOWING CONTROL WORD-WRITE		
			050000
	CW%CD¤+RCRD15+5+0	51126.00 20 000120.00 00	050774.00
-	4WRITE A TAPE MARK. CONTROL CODE 01001111		
	5REWIND TAPE. CONTROL CODE 01011110		
	6SPACE FILE, CONTROL CODE 00111111		
	7EXECUTE FOLLOWING CW WRITE.		
die			
***	CW%CDm+RCRD16+5+0	51133.00 20 000120.00 00	050775.00
-	8REWIND TAPE. CONTROL CODE 01011110		
	9EXECUTE FOLLOWING CWS-READ.		
***	A**EVECOIC LOCTORING CHO.UTUNA		
	CUMCROCH TODOR & CLI O	51262.00 60 000121.21 FF	050776-00
	CW%CDSC¤+TPRD8+5+8+1+0 CW%CD¤+TPRD8+5+0+1+0 -SKIP TAPE MARK	51267.00 20 000020.00 00	050777.00
	CWSCDH PRO073404140 SKIP RELEASE		, , ,
***	AL MURAIME BALLAND PHINESAN		
446	9A EXECUTE FOLLOWING CW-READ		
بيف	CUNCON-TORDS+5-0-5-0	51267.00 20 000120.00 00	051000-00
	CW%CDm,TPRD8+5.0,5.0	31207400 20 000120400 00	02100000
eis.			
-	10EXECUTE FOLLOWING CW ON PRINTERWRITE-		
**		E1367 60 00 000130 00 00	051001-00
	CW%CRE+TPRD8+5+0+5+0	51267.00 00 000120.00 00	ONTOOTAGE
-			

And the same of th

		THE POLLOWING COOLD OF CONTROL HODGE DEPROPHEE		
	***	THE FOLLOWING GROUP OF CONTROL WORDS REPRODUCE THIS PROGRAM USING TAPES AS A STORAGE DEVICE.		
	-			
		1LOCATE DESIRED DRIVE		
	***	2REWIND TAPE. CONTROL CODE 01011110 3EXECUTE FOLLOWING CONTROL WORDS-WRITE		
		34-EXECUTE FULLUMING CONTROL WORDS-WRITE		0.000
		CW%CCRU.IPLCW.1.S+1.0	51003.00 40 000021.22 03	051002.00
	IPLCW	CW%CDD.START.END-START+1.0.0	50000+00 20 070740+00 00	051003.00
	***	4REWIND TAPE. CONTROL CODE 01011110		
		TOTAL TAPES CONTROL CODE VIVILIE		
	***	TAPE CAN BE USED AS A PROGRAM TAPE.		
	-	IPL FROM THIS TAPE WILL PRODUCE SAME DATA AS IF		
	***	BX-0-WERE LOADED FROM CARDS. TO TRUELY TEST TAPE, CLEAR MEMORY AND IPL. RUN PRINTER TEST FOR A	<u>;</u>	
	#	DATA TEST.		
	**			
	ára-	****TO CREATE A NEW BINARY DECK * USE ABOVE CONTROL WORDS ON A PUNCH WRITE. ****		
		CNOP		-
		7.77		
	100000			
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#			
7	- TAPE TESTS DATA		
'1 ¹	TEST 1.		
	RCRDA %8HDD%BU,8,8H,000,000,000,000,000,000,377	000 051	004-00
		000 051	004-10
			004-20
			004.40
St 1			004.50
			004-60
	%8mDD%BU.8.8m.000.000.000.000.000.000.377.000	000 051	005.00
			005.10
1			005.30
r *			005.40
		000 051 377 051	005.60
4 3		000 051	005.70
	%8¤DD%BU,6,8¤,000,000,000,000,377,000,000		006.00
			006.20
A D			006.30
1 1			006.40
(000 051	006.60
	%8mDD%BU,8,8m,000,000,000,000,377,000,000,000		006.70
(#6HDD#B09698H90009000090009517900090009000		007.10
		000 051	007.20
		000 051 377 051	007.40
4.5		000 051	007.50
*			007-60
	%8¤D0%8U+8+8¤+000+000+377+000+000+000+000		007.70
		000 051	010.10
			010.20
1		000 051	010.40
4			010.50
84			010.60
1	%8mDD%BU,8,8m,000,000,377,000,000,000,000,000	000 051	011.00
15		000 051: 377 051:	011.10
		000 051	011.30
12			011.40
P 2			011.60
	MOMPONELL 6 00 .000 977.000.000.000.000.000		011.70
1	%8¤DD%BU,8,8¤,000,377,000,000,000,000,000		012.00
		000 051	012.20
M A			012.30
-A-			012.50
		000 051	012.60
	%8#DD%8U_8,8#_377_000,000,000,000,000,000,000	000 051 277 051	012.70

		000	051013.10 051013.20
		000	051013-20
		000	051013.40
		000	051013.50 051013.60
	*********** A A- 000 000 000 000 000 000 000	000	051013.70
	%8mDD%BU.8.8m.000.000.000.000.000.000.000.000	000	051014.00
		000	051014.10
		000	051014.20
		000	051014.30
		000	051014.40
		000	051014.50
		000	051014.60
		000	051014.70
	%8mDD%BU,8.8m.377.377.377.377.377.377.377.377.	377	051015.00
	MAMMANIA IN INC. I AND I	377	051015.10
		377	051015.10
		377	051015.30
		377	051015.40
		377	051015.50
		377	051015+60
		377	051015.70
	%8 mDD%BU + 64 + 8 m + 12525252525252525252	1252525252525252525252	051016.00
	%8mDD%8U+64+8m+05252525252525252525	0525252525252525252525	051017-00
**			
44			
***	TEST 2.		
40			
RCRD1	%8 DD %BU . 8 . 8 D . 000 -CHAR CONTROL BYTE FOR PRINTING.	000	051020-00
M.Maria	% AZEDD%BU,8,8E,TEST 2. DATA AND BACKSPACE TESTZ	Mark III	
			051020.10
	% AZDDD%BU.8.8DTHIS IS RECORD 1 - TEST TWOZ		051024.00
	% AZDDD%BU.8.8D.10 WORDS, CDSCZ		051030.00
#			
**			
RCRD2	*8mDD%BU.8.8m.000 -CHAR CONTROL BYTE FOR PRINTING.	000	
	% AZDDD%BU.8.8D.TEST 2. RECORD 2 - 15 WORDS. CDZ		051032.10
	% AZIIDD%BU,8.8II,SCDATA FOLLOWSABCDEFGHIJKLZ		051036.00
	% AADDD%BU,8,8D,MNOPQRSTUVWXYZ0123456789A		051042.00
	% AZDDD%BU.8.8D.RECORD 3 IS BCKSP TEST. Z		051046.00
44			
•			
RCRD3	%8mDD%BU,8,8m,000 -CHAR CONTROL BYTE FOR PRINTING.	000	051051+00
VALLE OF	% AZEDD%BU.8.8E.IF THIS PRINTS. BACKSPACE FAILEZ	VVV	
	% AZEDD%BU;8;8:::D+*****Z		051051.10
1	* ACMADDORORORA AND AND AND AND AND AND AND AND AND AN		051055.00
APPE .			
**	ALM-MANIMAL A ALL AND MALE MALEWHAL PLEMB TON MINELS WAS		
RCRD4	%8UDD%BU.8.8U.000 -CHAR CONTROL BYTE FOR PRINTING.	000	051056-00
	% AZDDD%BU.8,8D, TEST 2. BACKSPACE WORKED IF THIZ		051056.10
	% AZEDD%BU.8.8E.S LINE 3Z		051062.00
4			
RCRD5	%8mDD%8U.8.8m.000 -CHAR CONTROL BYTE FOR PRINTING.	000	051063.00
/1 Tetser	% AZEDD%BU.8.8E.TEST 2. RECORD 4. 10 WORDS. CR.Z	***	051063.10
	% AZDDD%BU,8.80, THIS IS THE LAST RECORD OF TESTZ		051067.00
	* AZEDD\$BU,8,8E, 2XXXXXXXXXXXX		
	3 WARANGO TORE CREVENE CONTRACTOR OF THE CONTRAC		051073.00
<u>***</u>	TEST 3.		

igna.		000	051075.00
RCRD10			
RCRD10	%8mDD%BU,8,8m,000 +CHAR CONTROL BYTE FOR PRINTING. % AZmDD%BU,8,8m,TEST 3, TAPE MARK RECOGNITION.RZ		
RCRD10			051075+10
RCRD10	& AZEDDSBU. 8.8E. TEST 3. TAPE MARK RECOGNITION.RZ		
RCRD10	& AZEDDSBU. 8.8E. TEST 3. TAPE MARK RECOGNITION.RZ		051075+10

TEST4 **CGRD32************************************		% AZ¤DD%BU,8,8¤,XXXXXXXZ		051106.00
### AZHDD%BU,8,8m,TEST 4,BACKSPACE FILE TEST. RECZ 051107-10		- TEST4		
### AZHDD%BU,8,8m,TEST 4,BACKSPACE FILE TEST. RECZ 051107-10			 	
### AZHDD%BU,8,8m,TEST 4,BACKSPACE FILE TEST. RECZ 051107-10	· 79	RCRD12 %8HDD%BU.8.8H.000 CHAR CONTROL BYTE FOR PRINTING.	000	051107.00
# AZDDO#BU.8.8.BI.000		* AZDDD%BU,8,8D,TEST 4.BACKSPACE FILE TEST. RECZ		051107-10
# AZDDD%BU,8,8D,1F THIS PRINTS,BACKSPACE FILE FZ 051114-10 # AZDDD%BU,8,8D,AILEDZ 051120.00 # RCRD14 %8DDD%BU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051121.00 # AZDDD%BU,8,8D,EDZ 051125.00 # TEST 5. # RCRD15 %8DDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051126.00 # AZDDMBU,8,8D,SPACE FILE,TEST 5, FAILED.XXXXXZ 051132.00 # RCRD15 %8DDMBU,8,8D,XXXXXXXXXZ 051132.00 # RCRD16 %8DDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.10 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 001 051133.10	1	S AZDOSBU,8,8n,ORD 1Z		051113.00
# AZDDD%BU,8,8D,1F THIS PRINTS,BACKSPACE FILE FZ 051114-10 # AZDDD%BU,8,8D,AILEDZ 051120.00 # RCRD14 %8DDD%BU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051121.00 # AZDDD%BU,8,8D,EDZ 051125.00 # TEST 5. # RCRD15 %8DDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051126.00 # AZDDMBU,8,8D,SPACE FILE,TEST 5, FAILED.XXXXXZ 051132.00 # RCRD15 %8DDMBU,8,8D,XXXXXXXXXZ 051132.00 # RCRD16 %8DDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.10 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 001 051133.10	γ_i	•••		
# AZDDD%BU,8,8D,1F THIS PRINTS,BACKSPACE FILE FZ 051114-10 # AZDDD%BU,8,8D,AILEDZ 051120.00 # RCRD14 %8DDD%BU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051121.00 # AZDDD%BU,8,8D,EDZ 051125.00 # TEST 5. # RCRD15 %8DDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051126.00 # AZDDMBU,8,8D,SPACE FILE,TEST 5, FAILED.XXXXXZ 051132.00 # RCRD15 %8DDMBU,8,8D,XXXXXXXXXZ 051132.00 # RCRD16 %8DDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051133.10 # AZDDMBU,8,8D,000 —CHAR CONTROL BYTE FOR PRINTING. 001 051133.10	4	RCRD13 %8mDD%BU,8,8m,000 CHAR CONTROL BYTE FOR PRINTING.	000	051114.00
RCRD14 %BHDD%BU,8,8H,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8H,ED		* AZHDOKBU.8.8H.IF THIS PRINTS.BACKSPACE FILE FZ		051114-10
* AZHDD%BU,8,8n,TEST 4.BACKSPACE FILE TEST PASSZ *** AZHDD%BU,8,8n,EDZ *** TEST 5. *** TEST 5. *** RCRD15 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,SPACE FILE,TEST 5, FAILED.XXXXXZ *** AZHDD%BU,8,8m,XXXXXXXXZ *** O51126.10 *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** RCRD16 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,TEST 5. SPACE FILE TEST PASSED.Z *** O51133.10 *** AZHDD%BU,8,8m,Z	,	% AZDDD%BU.8.8D.AILEDZ		051120.00
* AZHDD%BU,8,8n,TEST 4.BACKSPACE FILE TEST PASSZ *** AZHDD%BU,8,8n,EDZ *** TEST 5. *** TEST 5. *** RCRD15 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,SPACE FILE,TEST 5, FAILED.XXXXXZ *** AZHDD%BU,8,8m,XXXXXXXXZ *** O51126.10 *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** RCRD16 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,TEST 5. SPACE FILE TEST PASSED.Z *** O51133.10 *** AZHDD%BU,8,8m,Z	* · ·			
* AZHDD%BU,8,8n,TEST 4.BACKSPACE FILE TEST PASSZ *** AZHDD%BU,8,8n,EDZ *** TEST 5. *** TEST 5. *** RCRD15 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,SPACE FILE,TEST 5, FAILED.XXXXXZ *** AZHDD%BU,8,8m,XXXXXXXXZ *** O51126.10 *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** RCRD16 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. *** AZHDD%BU,8,8m,TEST 5. SPACE FILE TEST PASSED.Z *** O51133.10 *** AZHDD%BU,8,8m,Z		RCRD14 %8DDD%8U.8.8D.000 -CHAR CONTROL BYTE FOR PRINTING.	000	051121-00
* AZHDD%BU,8,8H,EDZ TEST 5. "CRD15 %8HDD%BU,8,8H,000 —CHAR CONTROL BYTE FOR PRINTING. 000 051126:00				
RCRD15 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. % AZmD0%BU,8,8m,SPACE FILE,TEST 5, FAILED.XXXXXZ % AZmD0%BU,8,8m,XXXXXXXXZ O51126.00 % AZmD0%BU,8,8m,XXXXXXXXZ RCRD16 %8mD0%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. % AZmD0%BU,8,8m,TEST 5. SPACE FILE TEST PASSED,Z % AZmD0%BU,8,8m,Z % AZmD0%BU,8,8m,Z	-			
RCRD15 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. % AZmD0%BU,8,8m,SPACE FILE,TEST 5, FAILED.XXXXXZ % AZmD0%BU,8,8m,XXXXXXXXZ O51126.00 % AZmD0%BU,8,8m,XXXXXXXXZ RCRD16 %8mD0%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. % AZmD0%BU,8,8m,TEST 5. SPACE FILE TEST PASSED,Z % AZmD0%BU,8,8m,Z % AZmD0%BU,8,8m,Z	*			
RCRD15 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. % AZmD0%BU,8,8m,SPACE FILE,TEST 5, FAILED.XXXXXZ % AZmD0%BU,8,8m,XXXXXXXXZ O51126.00 % AZmD0%BU,8,8m,XXXXXXXXZ RCRD16 %8mD0%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. % AZmD0%BU,8,8m,TEST 5. SPACE FILE TEST PASSED,Z % AZmD0%BU,8,8m,Z % AZmD0%BU,8,8m,Z		TECT 5		
# AZHDD%BU,8,8H,XXXXXXXXZ 051126.10 # AZHDD%BU,8,8H,XXXXXXXXZ 051132.00 RCRD16 %8HDD%BU,8,8H,000CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZHDD%BU,8,8H,TEST 5. SPACE FILE TEST PASSED.Z 051133.10 # AZHDD%BU,8,8H,Z 051137.00		** *** *** *** *** *** *** *** *** ***		
# AZHDD%BU,8,8H,XXXXXXXXZ 051126.10 # AZHDD%BU,8,8H,XXXXXXXXZ 051132.00 RCRD16 %8HDD%BU,8,8H,000CHAR CONTROL BYTE FOR PRINTING. 000 051133.00 # AZHDD%BU,8,8H,TEST 5. SPACE FILE TEST PASSED.Z 051133.10 # AZHDD%BU,8,8H,Z 051137.00				
# AZHDD%BU,8,8H,XXXXXXXXX 051132.00 RCRD16 %8HDD%BU,8,8H,000		RCRD15 %80DD%BU.8.80.000 -CHAR CONTROL BYTE FOR PRINTING.	000	
RCRD16 %8mDD%BU,8,8m,000 —CHAR CONTROL BYTE FOR PRINTING. % AZmDD%BU,8,8m,TEST 5. SPACE FILE TEST PASSED,Z % AZmDD%BU,8,8m,	£	% AZEDD%BU,8,8E,SPACE FILE,TEST 5, FAILED.XXXXXZ		
% AZUDD%BU,8.8U,TEST 5. SPACE FILE TEST PASSED.Z % AZUDD%BU,8.8U,Z 051137.00		**		021135 • 00
% AZUDD%BU,8.8U,TEST 5. SPACE FILE TEST PASSED.Z % AZUDD%BU,8.8U,Z 051137.00	<u> </u>			
% AZIIDD%BU,8,8II,Z	(RCRD16 %8mDD%BU,8,8m,000 -CHAR CONTROL BYTE FOR PRINTING.	000	
	*	* AZEDDNBU.8.8E.TEST 5. SPACE FILE TEST PASSED.Z		
				051137.00
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	TAPE TESTS READ IN	AREA		

**************************************	TEST 1.			
		and the state of t		
**				
TPRD1	DR%BU.64.84.8	-8 WORDS-ALL ONES BYTES STARTS AT -BYTE 7 AND SHIFTS LEFT ONE BYTE -FOR EACH WORD.	10.00	051140.00
	DR%BU,64,811,2	-ALL ZEROS WORD -ALL ONES WORD	2.00	051150•00
	DR%BU,64,8=,1	-10101 *** * WORD	1.00	051152+00
	DR%BU.64.8#.1	-01010 WORD	1.00	051153.00
···				
***	TEST 2.	:		
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
TPRD2	DR%BU,64,8m,10		12.00	051154+00
TPRD3	DR%BU.64.81.15		17.00	051166.00
TPRD4 TPRD5	DR%BU+64+8¤+5 DR%BU+64+8¤+10		5.00 12.00	051205•00 051212•00
**			12400	V21212400
**	TEST 3.			
majority.				
TPRD6	DR%8U+64+8¤+15		17,00	051224.00
*	TEST 4.			
TPRD7	DR%BU,64,8m,15		17.00	051243.00

**	TEST 5.			
TPRDB	DR%BU,64,8m,10		12.00	051262+00

	-	CONSOLE TEST		*	
	***	COMBORE TEOT			
	-				· · · · · · · · · · · · · · · · · · ·
	-	THIS TEST TESTS READ A	ND WRITE OPERATION		
	-	OF THE CONSOLE. CONTRO	L WORDS AND CONSTANS		
		ARE PROVIDED FOR WRITE	OPERATIONS- CONTROL		
	-	WORDS AND RESERVED LOC	ATIONS FOR READ OPERATIONS		
	-min-				
	-in-	TEST ONE-TESTS W	RITE OPERATION ON CNSL LTS		
	*				
	-		-TESTING WORD ONE		
					
	CNSL1	CW%CR=+WORD1+1+0	-WORD ONE-BYTE NUMBER	51356.00 00 000020.00 00	051274.00
		CW%CRH.WORD1+11.0	-WORD ONE-ALL ONES	51357.00 00 000020.00 00	051275.00
		CW%CR#,WORD1+2.,1.0	-WORD ONE-ALL ZEROS	51360.00 00 000020.00 00	051276.00
		CW%CRE,WORD1+3.,1,0	-WORD ONE-ONES AND ZEROS	51361.00 00 000020.00 00	051277.00
	**		- BYTE PATTERN		
	400				
	***		TEETINE LIAND THE		
			-TESTING WORD TWO		
	-	CW%CR=.WORD1+32.0	-WORD TWO-EIGHTS	51361.00 00 000040.00 00	051300+00
		CW%CRI,WORD1+4.,2,0	-WORD TWO-SEVENS	51362.00 00 000040.00 00	The state of the s
		CW%CR¤•WORD1+1••2•0	-WORD TWO-BLANK	51357*00 00 000040*00 00	051301.00 051302.00
		CWECKMEWORDIVILESES	-WORD INO-DEANK	21321400 00 000040400 00	031305*00
		****	-TESTING WORD THREE		
	-		" trot the Mother timer		
	-	CW%CR=+WORD1-13.0	-WORD THREE-ALL ONES	51355.00 00 000060.00 00	051303.00
	**	一年 《 《 》 () 《 》 《 》 《 》 《 》 《 》 《 》 《 》 》 《 》 》 《 》 》 《 》 》 《 》 》 《 》 》 《 》 》 《 》 》 《 》 》 》 》 》 》 》	The state of the s	7777444 00 00000400 00	U/1909#00
	~				
	-	TEST TWO-TESTS C	F ON A WRITE OPERATION		
	-				
			-CHAINING TWO WORDS		
	CNSL2	CW%CCR#,WORD1+3.,1,CNS	L2+1WORD ONE-BYTE PATTERN	51361.00 40 000021.22 C5	051304.00
		CWMCRH.WORD1+41.0	-WORD TWO-ALL EIGHTS	51362.00 00 000020.00 00	
	**				
	-				
	-		-CHAINING THREE WORDS		
	-				
			L2+3WORD ONE-ALL ONES	51357.00 40 000021.22 C7	051306.00
			L2+4WORD TWO-ALL EIGHTS	51362.00 40 000021.22 CB	051307.00
		CW%CR=,WORD1+2.,1.0	-WORD THREE-ALL ZEROS	51360+00 00 000020+00 00	051310+00
	*				

	***	TEST THREE-TESTS	READ OPERATION FROM CNSL SWITCHES		
	**	CHACAM LANDS T A	MEAN ONE HOOD DATE	F1011 00 00 040000 40 00	
	CNSLB	CW%CR¤.WORD2.1.0	-READ ONE WORD-DATA	51364.00 00 000020.00 00	051311-00
			-WILL BE IN WORD 2		
		CW&CRI • WORD2+1 • 0 • 2 • 0	-READ TWO WORDS-DATA	51365.00 00 000040.00 00	051312.00
		CHREEN HARRAIA A A A	-WILL BEGIN AT WORD 2+1.0	E1047 NA AA AAAA	001010 -0
		CW%CRD,WORD2+3+0+3+0	-READ THREE WORDS-DATA	51367-00 00 000060-00 00	051313.00
			-WILL BEGIN AT WORD 2+3.0		
	***	HEE THE CAME COMPONE OF	DODC AND WOLTE		
	***	USE THE SAME CONTROL W			
	***	OUT DATA FOR CHECKING.			
	**				
	- Contract of the Contract of				

TEST FOUR-TESTS READ OPERATION FROM -CNSL SW AND CF

		REPEAT THIS TEST USING SEVERAL ANALOG TO DIGITAL	
f '	***	POT SETTINGS ***	
	CNSL4	CW%CCR#,WORD3,1,CNSL4+1 CHAINING TWO WORD CW%CR#,WORD3+12.0	51372.00 40 000021.22 CD 051314.00 51373.00 00 000040.00 00 051315.00
. ———	•	CW&CCRD.WORD4.1.CNSL4+3.0 -CHAINING THREE WORDS	51375.00 40 000021.22 CF 051316.00
		CW%CCRD,WORD4+1.0.1.CNSL4+4.0 -DATA WILL BEGIN AT WORD 4 CW%CRD,WORD4+2.0.1.0	51376.00 40 000021.22 D0 051317.00 51377.00 00 000020.00 00 051320.00
1		USE THE SAME CONTROL WORDS AND WRITE OUT DATA FOR CHECKING.	
	***	OUT DATA FOR CHECKING.	
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	Int. Water to the		
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-		TEST FIVE-TESTS TY	PEWRITER WRITE OPERATIONAND END CODE	·	
Č	NSL5	CW%CRD,TYPW1-3.0,4,0	-TYPES ONE WORD -WHICH IS CROTYP TST	51400.00 00 000100.00 00	051321.00
		CW%CR¤+TYPW2+3+0+5+0	-END CODE TEST-TYPE -TWO WORDS AND END -WORDS ARE, CR.END	51405.00 00 000120.00 00	051322+00
***			-CODE TEST END		
,,,,		CW%CRU.TYPW3-3.0.14.0	-TYPE ONE LINE -WHICH ISCR. A B C D E F G	51413.00 00 000340.00 00	051323.00
			+HIJKLMNO +PQRSTUVWX		
**			-Y Z+++ 1 2 3 4 5 6 -7 8 9 0 BS END CR		
485		TEST SIX-TESTS TYP	PEWRITER WRITE -OPERATION AND CF		
CI	NSL6	CW&CCRU . TYPW4-3.0.4.CNSL		51431.00 40 000101.22 D5	051324-00
		CW%CRE,TYPW4+2,1,0	-WORDS ARE-CHAINING -TEST SON FAILURE-FAIL	51434.02 00 000020.00 00	051325.00
***			+3CHAINS THREE WORDS +4WORDS ARE-CHAINING -TEST SUCCESSON	51431.00 40 000101.22 D7 51436.00 40 000021.22 D8 51440.00 00 000020.00 00	051326.00 051327.00 051330.00
**			-FAILURE-FAIL	AATTA AND VV VV VV V V V V V V V V V V V V V V	
**		TEST SEVEN-TESTS T	*OPERATION MF AND CF		
	NSL7	CW%CD#,TYPW5=39.0	-WRITE THREE WORDS -WITH END CODE	51441.00 20 000220.00 00	051331+00
*			-BETWEEN WORDS -WORDS ARE-MLTPLE -TEST SUCCESSFUL		
*			-ON FAILURE-FAIL		
	****	CW%CDSCm,TYPW6+34.CNSL CW%CRm,TYPW6+14.0	.7+2WRITE TWO WORDS ON TYPEWRITER -THE END CODE AND COUNT ZERK -OCCUR SIMULTANEOUSLY	51452.00 60 000101.22 DB 51456.00 00 000100.00 00	051332.00 051333.00
*		TEST EIGHT-TESTS T	YPEWRITER -READ OPERATION		
**		THE FOLLOWING CWS READ 4	O CHARACTERS TYPED IN	,	
C)	NSL8	CW%CRm,TYPR1+8+0		51465.00 00 000200.00 00	051334+00
•		THE FOLLOWING CWS READ 4 CHAINS AND READS 32 MORE	O CHARACTERS TYPED IN-		
enip.		CW%CCRD.TYPR2.8.5+1. CW%CRD.TYPR3.4.0		51475.00 40 000201.22 DE 51505.00 00 000100.00 00	051 335.0 0 051 336.0 0
*		USE THE SAME CONTROL WOR	DS AND WRITE		

		THE FOLLOWING CWS TEST MF AND CF		
	•••	WHEN IN ME MODE AND AN END CODE IS		
		ENTERED FROM THE CONSOLE TYPEWRITER THE		
	**	NEXT 3 WORDS WILL BE READ FROM CNSL SWITCHES.		
		MEAT 3 HUNDS RILL OF READ INON CHOIC SHITE DESTRUCTION		
		FOR ONE TEST-COUNT CHARACTERS AND		
			1000000	
	***	HAVE THE END CODE AND COUNT ZERO OCCUR		
	**	SIMULTANEOUSLY		
	***	CW&CDD.TYPR4.8.0 -READ IN MF MODE	51511.00 20 000200.00 00	051337.00
		CW%CDm+TYPR5+25+0 -READ IN MF MODE	51521.00 20 000620.00 00	051340.00
		CW%CDSC= TYPR7:10++-2MF AND CF SIM-TYPE 8 CHAR	51556.00 60 000257.77 FE	
		CHRCUSCHITTER 111017-21 WIT AND CF STITTIFE O CHAR	51556400 60 000257477 FE	051341.00 C
		CW%CDSCH.TYPR8.20.CNSL8+8.0 -MORE MF AND CF CW	51570.00 60 000501.22 E4	051342.00
		CW%CCR#,TYPR9,20,CNSL8+9.0 CW%CR#,TYPR10,20.0	51614.00 40 000501.22 E5	051343.00
		CHRCRHIIPRIU\$ZU\$U	51640,00 00 000500,00 00	051344.00
	-direk			
		TEST MANE TESTS DEAD ONEDATION		
	448	TEST NINE -TESTS READ OPERATION	1	
1	***	-WITH SF MF AND CF.		
	***	THE MALLAND THE ARE MAD BEARING		
		-THE FOLLOWING CWS ARE FOR READING		
		-WITH MF. SF. AND CF.		
·		EVERITE THE PARTALLING OF TA TEST OF AND OF		
	***	EXECUTE THE FOLLOWING CW TO TEST CF AND SF.		
	CHELO	CUNCCCO- TURNET E CUCLOIS O CE AND CE TECT CHID E	51/44 00 50 000131 33 54	051045 46
	CNSL9	CW%SCCR#, TYPR11,5, CNSL9+1.0 -SF AND CF TEST, SKIP 5	51664.00 50 000121.22 E6	051345.00
		CHECOM TYPE 2 NODE	53647 AA AA AAAAAA AA AA	051244 00
		CW%CRD, TYPR12,3,0 -TYPE 3 WORDS	516 67.00 00 000060.00 00	051346.00
	**	CH TO BRINT OUT DATA ON CONCOLE		
	***	CW TO PRINT OUT DATA ON CONSOLE.		
	*			
•	-	FUNCTON TURBIO # / D	E1444 00 00 000140 00 00	051947 -0
		CWSCRU-TYPR12-36.0	51664.00 00 000140.00 00	051347.00
		CW%CRD, TYPR11,5,0 -CW FOR TEST SF AND CF	51664.00 00 000120.00 00	051350.00

		EXECUTE THE FOLLOWING CW TO TEST CF. SF. AND MF.		
	460	PUNPPRPP TURNES A P. 1 PP PP AND ME TENT	£3./76 AB TO TOBER OF TO	051051 40
		CWSCDSCH.TYPR13.4.5+1. —SF CF. AND MF TEST	51672.00 70 000101.22 EA	051351-00
		CW%CDm, TYPR14,5,0 -DISREGARDS END CODES	51676.00 20 000120.00 00	051352.00
	*			
	***	CW TO PRINT OUT DATA ON CONSOLE.		
		CW%CD=,TYPR13,4,0 -CW FOR TEST SF,CF, AND MF	51672.00 20 000100.00 00	051353.00
		CW%CDD.TYPR14-36.0	51673.00 20 000140.00 00	051354+00

	***	DR%BU,64,8m,1	1.00	051355.00
	WORD1	%8mDD%BU,8,8m,000,001,002,003,004,005,006,007 -BYTE NUMBER	WD 000	051356.00
_			001	
			002	
 			004	
			005	
			006	051356.60
			007	
		%8 DD0 %BU . 8 . 8 D . 377 . 377 . 377 . 377 . 377 . 377 . 377 - ALL ONES WOR		
			377 377	
			377	
			377	
			377	051357*50
			377	
		BONDU 44 Dm O	377	
		DD%BU,64,84,0 -ALL ZEROS WOR		
-		AND	000	·
			377	
			000	051361.30
			377	051361-40
í			000	
			377 000	
(%8 mDD%BU, 8,8m,210,210,210,210,210,210,210,210 -ALL EIGHTS	210	
		THE TAXABLE PROPERTY AND TAXABLE PROPERTY OF THE PROPERTY OF T	210	
			210	051362.20
(<u>.</u>			210	
			210	
		·	210 210	
			210	
		%8=DD%8U,8,8=,167,167,167,167,167,167,167,167 -ALL SEVENS	167	
.			167	The state of the s
			167	
			167	
			167	
			167	
	WORD2	DR%BU,64,8#,6 -READ OPERAT!	ON 6.00	051364+00
	WORD3	DREBU: 64.88:3 -DATA RESERVAT		051372.00
*	WORD4	DR%BU,64,8#,3	3.00	051375.00
	TYPWO	DR%BU,64,81,3 -RESERVES LOCATIONS FOR	3.00	051400.00
		-FIRST THREE WORDS IN		, de la companya de l
	TYPW1	#16mDD%BU,8,8m,FD,53,5D,4B,00,53,51,53 -CR,TYP TEST	375	051403.00
	114.47	warmensurates and the state of	123	
			135	
			113	051403.30
si			000	
	V		123	
			121 123	
		%16mDD%BU,8,8m,37,2D,3D,43,35,33,00,00 -FAILED	067	
		WYP-m-MVA-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A	055	
			075	
i. Light grown the state				051404.30

984				51404.40
				51404+50
i				51404-60
	DR%BU,64,80,3 -DATA RESERVATION	3.00		51404.70 51405.00
	TYPW2 %16mDD%BU.8.8m.FD.35.47.33.00.31.49.33 -END COD	3000		51410.00
				51410.10
				51410+20
				51410.30
		*****		51410-40
				51410.50 51410.60
				51410.70
	%16uDD%8U.8.8u.35.00.53.35.51.53.00.FE -E TEST. END		065 0	51411.00
				31411.10
				51411.20 51411.30
ļ		;		51411.40
		3		51411.50
				1411.60
1				51411.70
1	%16mDD%BU.8.8m,37.2D,3D,43.35.33.00.00 -FAILED			1412.00
				51412.10
,				51412.20 51412.30
				01412.40
1				1412.50
:				51412.60
			000 0	31412.70
	DR%BU+64+8H+3 -DATA RESERVATION	3.00	0:	31413.00
	TYPW3 %16mDD%BU+8.8m.FD.2D.00.2F.00.31.00.33 -CR. A B C D			1416.00
				31416.10
ļ				1416+20
1 .				51416.30 51416.40
				1416.50
1				1416.60
				1416.70
	%16¤DD%BU,8,8¤,00,35,00,37,00,39,00,38 —E F G H			1417-00
ı				1417-10
1				1417.20 1417.30
				1417.40
1				1417.50
1	•		000 0	1417.60
1	RECHBOURS A DE DO SE DO 45 DO 45			1417.70
11	\$16DD%BU,8.8D.00.3D.00.3F.00.41.00.43 - J K L			1420-00
1				1420.10 1420.20
•				1420.30
11	5	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -		11420.40
)i	di			1420.50
1				1420-60
11	%16DD%8U.8.8U.00.45.00.47.00.49.00.48 N O P			1420.70
•	ALOMOUSOUS GEOMS OVER 1 SOUTH 1 SOUTH 1 TO THE			1421.10
l				1421.20
1	9			1421.30
			000 09	1421.40
l,	ਾ ਵੀ	:		1421.50
	4	,		1421.60
1	%16BDD%BU.8.8B.00.4D.00.4F.00.51.00.53 -Q R S T	\$		1422.00
{	,			1422.10
vida		; 		1422.20

,			117	051422 • 30
			121 000	051422.50 051422.60
\ <u>.</u>			123	051422.70
•	%16mDD%BU,8,8m,00,55,00,57,00,59,00,58	-U V W X	000	051423.00
			125	051423+10
**			127	051423.20 051423.30
			000	051423.40
			131	051423.50
				051423-60
	%16¤DD%BU,8,8¤,00,5D,00,5F,74,74,74,00	-Y Z	133	051423.70 051424.00
Ç3			135	051424.00
			000	051424-20
1			137	051424.30
				051424.40 051424.50
				051424+60
l			000	051424.70
	%16¤DD%BU.8.8¤.00.62.00.64.00.66.00.68	-1 2 3 4	000	051425.00
				051425•10 051425•20
1				051425.20
\			000	051425.40
į			146	051425.50
1				051425.60 051425.70
	%16¤DD%BU.8.8¤.00.6A.00.6C.00.6E.00.70	-5 6 7 8		051426.00
1			152	051426.10
		·	000	051426.20
$\underline{\mathbf{i}}$.				051426.30 051426.40
.(_				051426.40
· ·			000	051426.60
	#16#BD#RIL-9.0H-00-77.00.40 00.00 FC FD	0 8c. CD	160	051426.70
	%16¤DD%BU+8+8¤+00+72+00+60+00+C+FD	-9 0 BS+ CR	162	051427.00 051427.10
				051427.20
Ĭ			140	051427-30
t				051427.40 051427.50
			000 374	051427.50
			375	051427.70
-	%16¤DD%BU,8,8¤,35,47,33,FD,00,00,00,00 -EN	ND + CR	065	051430+00
			107 063	051430.10 051430.20
18			375	051430.20
			000	051430.40
15			000	051430.50
14			000	051430.60 051430.70
	DR&BU.64.80.3 -DATA RESERVATION			051431.00
1V TYPW4	%16¤DD%8U,8,8¤,FD,31,38,2D,3D,47,3D,47 -CH	NINIAP	375	051434.00
			061	051434.10 051434.20
				051434.30
.8		· · · · · · · · · · · · · · · · · · ·	075	051434.40
	•			051434-50
l a				051434.60 051434.70
14	%16mDD%BU,8.8m,37,2D,3D,43,35,33,00,00 -FA	ML		051434.70
·			055	051435.10
• (075	051435.20
上級性性なか、・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	and the second of the second o		103	051435430

				e galan	065	051435.40 051435.50	4 9
			-		000	051435.60	
		%16nDD%BU,8,8n,39,00,53,35,51,53,00,51	-G TEST S		000	051435.70 051436.00	
-		770-00 400 400 400 400 400 400 400 400 400			000	051436-10	
					123 065	051436.20 051436.30	
					121	051436.40	
					123	051436.50 051436.60	
					121	051436.70]
		%16mDD%BU,8,8m,37,2D,3D,43,35,33,00,00	-FAIL		067 055	051437.00 051437.10	ľ
0					075	051437+20	7
					103	051437.30	
					065 063	051437.40 051437.50	
					000	051437.60	
-		%16¤DD%BU,8,8¤,55,31,31,35,51,51,74,74	-UCCESS.		125	051437.70 051440.00	-
					061	051440+10	
F					061	051440.20 051440.30	ľ
					121	051440+40	
					121	051440.50	
· 					164	051440.60 051440.70	
(2 22			ľ
·	TYPW5	DR%BU.64.8U.3 DATA RESERVATION NIGHT D		3,00	375	051441+00 051444+00	\neg
					105	051444-10	
					103 123	051444.20 051444.30	ľ
			· · · · · · · · · · · · · · · · · · ·		110	051444.40	
					103	051444-50	
						051444+60 051444+70	
	**	DOMDU 44 Dec 9 DAWA DECEMBATIA	nu	* **			ľ
		DR%BU+64+8U+3 DATA RESERVATION %16UDD%BU+8+8U+53+35+51+53+00+51+55+31		3,00	123	051445.00 051450.00	
					065	051450+10	
					121	051450+20 051450+30	
					000	051450.40	-,
					121 125	051450.50 051450.60	
					061	051450+70	· K
•		%16¤DD%BU,8,8¤,31,35,51,51,37,55,43,74	-CESSFUL.		061 065	051451 • 00 051451 • 10	
					121	051451.20	4
· .				T	121	051451.30	
					067 125	051451.40 051451.50	Sec. of
1					103	051451.60	1
;	-				164	051451.70	
		DR%BU.64.8E.3 -DATA RESERVATIO		3.00	*****	051452+00	
	TYPW6	%16mDD%8U,8,8m,FD,45,31,00,53,51,53,FE -	CR. MC IST. END	·	375 105	051455.00 051455.10	٠,
					061	051455.20	
					000	051455.30 051455.40	
					123	051455.50	
0 1 4					123	051455.60	
·				- 44x	376	051455.70	٦٠٦

		DR\$8U,64,8u,3	***************************************	3+00		051456.00	66
		%16mDD%BU.8,8m,51.5	55,31,31,35,51,FE,5F -SUCCESS,END,Z		121		
					125	051461.10	
					061		
				•	061	051461.30	
					065		
					121		
					376		
					137		
		DR%8U+64+8E+2		2.00		051462-00	
		%16mDD%BU,8,8m,37,2	2D,3D,43,35,33,00,00 *FAILEED		067	051464.00	
					055		
					075	051464.20	
·					103	051464.30	
					065	051464.40	
					063	051464.50	
}					000	051464.60	
					000		
	TYPRI	DR%BU,64,88,8	+RESERVED FOR	10.00		051465.00	
	TYPR2	DR%BU.64.88.8	-TYPEWRITER	10.00		051475.00	
	TYPR3	DR%BU+64+8#+4	-READ TESTS	4.00		051505.00	
	TYPR4	DR%BU.64.8¤.8	Both the same of the same	10.00		051511.00	
(TYPR5	DR%BU+64+8¤+25		31.00		051521.00	
1	TYPR6	DR%BU.64.8E.4		4.00		051552.00	
	TYPR7	DR%8U,64,82,10		12.00		051556 • 00	
1	TYPR8	DR%BU,64,80,20		24.00		051570+00	
	TYPR9	DR%BU+64+8U+20		24.00			
1	TYPR10					051614.00	
,	TYPR11			24.00		051640.00	
1				3+00		051664.00	
	TYPR12			3.00		051667-00	
	TYPR13			4.00		051672.00	
	TYPR14	DR%BU.64.8E.5		5.00		051676-00	
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**	TYPEWRITER TESTS				
	TEST ONE-BACKSPACE TEST				
•••	TEST TWO-RIPPLE TEST				
	TEST THREE-BALL MOVEMENT 1	****			
*					
*	TEST FOUR - ALL CHARACTER PRIM				

***	BACKSPACE TEST LOOP				
TWT1	CW%CCRD,BST1,11,TWT1+1.	-BACKSPACE TEST	52041.00 40 000261.23 C4	051703.00	
	CWSCCRm.BST1+3.88.TWT1+2.	-TYPES 3 LINES	52044.00 40 000201.23 C5	051704-00	
	CW%CDSCm,BST1+38.TWT1	-LOOP	52044.00 60 000201.23 C3	051705.00	
**	DIDDLE TECT		•		
	RIPPLE TEST				
***		-RIPPLE 26 LINES	,		
TWT2	CW&CCRISRIPLS14STWT2+1.	-AB	52054.00 40 000341.23 C7	051706.00	
1#12	CWSCCRH-RIPLO-1+TWT2+2.		52057*00 40 000021*23 C8	051707+00	
	CW%CCRu,RIPL3,10,TWT2+3.	-BC+++	52075.00 40 000241.23 C9	051710.00	
	CWSCCRU*RIPLO*1*TWT2+4*	- WWAAA	52057.00 40 00021.23 CA	051711.00	
	CW%CCR#,RIPL2+23,TWT2+5.	CD	52072.00 40 000061.23 CB	051712.00	
	CWSCCRB.RIPL1.7.TWT2+6.	****	52060.00 40 000161.23 CC	051713.00	
	CWSCCRB,RIPLO,1,TWT2+7.		52057.00 40 000021.23 CD	051714.00	
	CWSCCRD.RIPL4+23.TWT2+8.	-DE.	52107.00 40 00002123 CE	051715.00	
	CWMCCRE,RIPL3,7,TWT2+9.		52075.00 40 000161.23 CF	051716.00	
	CWSCCRH.RIPLO.1.TWT2A		52057.00 40 000021.23 DO	051717.00	
TWT2A	CW%CCR#,RIPL1+7.,6,TWT2A+1.	-EF	52067.00 40 000141.23 D1	051720.00	
क्रम् र काशी	CW&CCR#.RIPL1.4.TWT2A+2.	** * * *	52060.00 40 000101.23 D2	051721.00	
	CW&CCR#,RIPLO,1,TWT2A+3.		52057.00 40 000021.23 D3	051722.00	
	CWSCCRU-RIPL3+76.TWT2A+4.	⇔FG	52104.00 40 000141.23 D4	051723.00	
	CW%CCR#+RIPL3+4+TWT2A+5+		52075.00 40 000101.23 D5	051724.00	
	CWSCCRI.RIPLO.1.TWT2A+6.		5205 7.0 0 40 000021.23 D6	051725.00	
	CWSCCRU,RIPL1+4.,9,TWT2A+7.	-GH • • •	52064.00 40 000221.23 D7	051726.00	
	CW&CCRD.RIPL1.1.TWT2A+8.		52060.00 40 000021.23 D8	051727 • 00	
	CW%CCRD,RIPLO,1,TWT2A+9.		52057.00 40 000021.23 D9	051730.00	
	CW&CCRB RIPL 3+4 9 TWT2B	-Hissa	52101-00 40 000221-23 DA	051731.00	
TWT28	CW%CCR#,RIPL3,1,TWT2B+1.		52075.00 40 000021.23 DB	051732.00	
	CWSCCRB,RIPLO,1,TWT28+2.		52057.00 40 000021.23 DC	051733.00	
-	CW&CCRD,RIPL1+1.,10,TWT2B+3.	J	52061.00 40 000241.23 DD	051734.00	
	CW&CCRU,RIPLO,1,TWT28+4.		52057.00 40 000021.23 DE	051735.00	
	CW%CCR#,RIPL3+1++10+TWT28+5+	-JK +	52076.00 40 000241.23 DF	051736.00	
	CW&CCRU.RIPLO.1.TWT28+6.		52057.00 40 000021.23 E0	051737.00	
	CW&CCR0,R1PL2+3.,2.TWT2B+7.	-KL ***	52073.00 40 000041.23 E1	051740.00	
	CW&CCRD.RIPL1.8.TWT28+8.		52060.00 40 000201.23 E2	051741.00	
	CW&CCR#,RIPLO,1,TWT2B+9.		52057.00 40 000021.23 E3	051742.00	
	CW&CCRH.RIPL4+32.TWT2C	-LMess	52110.00 40 000041.23 E4	051743+00	
TWT2C	CW%CCR#,R1PL3,8,TWT2C+1.		52075.00 40 000201.23 E5	051744.00	
	CWSCCRD+RIPLO+1+TWT2C+2+		52057.00 40 000021.23 E6	051745.00	
	CW&CCR##RIPL2.5.TWT2C+3.	**MN • • •	52070.00 40 000121.23 E7	051746.00	
	CW&CCRD+RIPL1+5+TWT2C+4+		52060.00 40 000121.23 E8	051747.00	
	CW&CCRU+RIPLO+1+TWT2C+5+		52057.00 40 000021.23 E9	051750.00	
	CW&CCRD.RIPL4.5.TWT2C+6.	*NO	52105.00 40 000121.23 EA	051751.00	
	CWSCCRD,RIPL3,5,TWT2C+7.		52075.00 40 000121.23 EB	051752.00	
	CWSCCRU*RIPLO*1*TWT2C+8*		52057.00 40 000021.23 EC	051753.00	
	CW%CCRn,RIPL1+58.TWT2C+9.	+0P+++	52065.00 40 000201.23 ED	051754.00	
	CW&CCRQ+RIPL1+2+TWT2D		52060.00 40 000041.23 EE	051755.00	
TWT2D	CW&CCRU,RIPLO,1,TWT2D+1.		52057.00 40 000021.23 EF	051756.00	
	CW&CCRH.RIPL3+58.TWT2D+2.	-PQ	52102.00 40 000201.23 FO	051757.00	
	CW&CCRO+RIPL3+2+TWT2D+3+		52075.00 40 000041.23 F1	051760.00	€.
	CVECCRH,RIPLO,1.TWT2D+4.		52057.00 40 000021.23 F2	051761+00	

		CWSCCRU,RIPLI+2.,10,TWT2D+5.	-QR * * *	52062.00 40 000241.23 F3	051762.00	' " (
		CWSCCRD,RIPLO,1,TWT2D+6.		52057.00 40 000021.23 F4	051763+00	
		CW%CCRU.RIPL3+2.,10,TWT2D+7.	-RS	52077.00 40 000241.23 F5	051764.00	
		CWSCCRU.RIPLO.1.TWT2D+8.		52057.00 40 000021.23 F6	051765.00	
4		CW&CCRU,RIPL2+4.,1,TWT2D+9.	-ST • • •	52074.00 40 000021.23 F7	051766.00	
		CW&CCR#,RIPL1,9,TWT2E		52060+00 40 000221+23 F8	051767-00	
•	TWTZE	CW%CCR#,RIPLO+1.TWT2E+1.		52057.00 40 000021.23 F9	051770.00	
.,		CW&CCRD.RIPL4+41.TWT2E+2.	-TU	52111.00 40 000021.23 FA	051771.00	
		CW%CCR#,RIPL3,9,TWT2E+3,		52075.00 40 000221.23 FB	051772.00	
		CWSCCRD.RIPLO.1.TWT2E+4.		52057.00 40 000021.23 FC	051773.00	÷
1		CW%CCR=+RIPL2+1++4+TWT2E+5+	-UV	52071.00 40 000101.23 FD	051774.00	
· m sn mhr ·		CW&CCRD.RIPL1.6.TWT2E+6.		52060-00 40 000141-23 FE	051775.00	
		CW%CCRI,RIPLO,1,TWT2E+7.		52057.00 40 000021.23 FF	051776.00	•
		CW%CCRD.RIPL4+14.TWT2E+8.	~VW	52106.00 40 000101.24 00	051777.00	
		CW&CCRD.RIPL3.6.TWT2E+9.		52075.00 40 000141.24 01	052000.00	
		CW&CCR#+RIPLO+1+TWT2F		52057.00 40 000021.24 02	052001-00	
	TWT2F	CW&CCRG.RIPL1+67.TWT2F+1.	-WX • • •	52066.00 40 000161.24 03	052002.00	
		CW&CCRU-RIPL1-3-TWT2F+2-		52060.00 40 000061.24 04	052003+00	
		CWSCCRG.RIPLO.1.TWT2F+3	, usa	52057.00 40 000021.24 05	052004.00	
		CWSCCRD+RIPL3+67.TWT2F+4.	-XY • • •	52103.00 40 000161.24 06	052005.00	
		CWSCCRU, RIPL3,3,TWT2F+5.		52075.00 40 000061.24 07	052006+00	
		CWSCCRU-RIPLO-1-TWT2F+6-	. 44	52057.00 40 000021.24 08	052007.00	.,
<u>~</u>		CW%CCR¤+RIPL1+3++10+TWT2F+7+ CW%CCR¤+RIPL0+1+TWT2F+8+	-YZ • •	52063.00 40 000241.24 09	052010.00	
		CW%CCR#,RIPL3+3.,10,TWT2F+9.	+ZA++	52057.00 40 000021.24 0A 52100.00 40 000241.24 0B	052011+00 052012+00	
		CW%CR=*RIPL5*4*0	74.44	52112.00 00 000100.00 00	052013.00	
		CHBCALIRIPESTATO		32112400 00 000100400 00	032013400	
<u> </u>	**	BALL MOVEMENT TEST LOOP				
· .	**	DITTION TO PERSON FOR COLUMN				
	TWT3	CW%CCRD.BMTO.15.TWT3+1.	-BALL MOVEMENT TEST	52022.00 40 000361.24 0D	052014.00	
(CW%CCRH.BMT1.12.TWT3+2.	-PRINTS 10-44 CHAR-	52025.00 40 000301.24 OE	052015.00	
		CW%CCR¤,BMT1,12,TWT3+3,	-ACTER LINES AND	52025.00 40 000301.24 OF	052016.00	
		CW%CCR¤,BMT1,12,TWT3+4,	-ALL CHARACTERS	52025.00 40 000301.24 10	052017.00	
(_		CW%CDSCm,BMT1,12,TWT3	-LOOP	520 25.00 60 000 301. 24 0C	052020+00	
		The second secon				
	-					
·	**	TEST FOUR	BAUT STANKE STAN			
	•					
		EXECUTE THIS CONTROL WORD FO	R AN ALL			ACTION AND A SECOND ASSESSMENT OF THE SECOND A
	***	CHARACTER PRINT				
	#			7 10		·····
		CWSCRU.ALLC.27.0		52116.00 00 000660.00 00	052021.00	

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***	TYPEWRITER TEST DATA		,		

ВМТО	DR%8U,64,8u,3	-RESERVE 3 LOC.	3.00		052022.00
BMT1	%16¤DD%8U+8+8¤+FD+70+2F+60+3F+50+4F+40	-CR+8BOJSRK		375 160	052025+00 052025+10
				057	052025.20
				140	052025.30
				077	052025.40
				120 117	052025.50 052025.60
A-770-514				100	052025.70
	\$16mDD\$BU.8.8m.5F.30.6F.20.27.68.37.58	-2C7 4FW		137	052026+00
				060	052026.10
				157	052026.20
				040 047	052026.30 052026.40
				150	052026.50
				067	052026.60
	W14			130	052026.70
	%16¤DD%8U.8.8¤.47.48.57.38.67.28.77.71	₩NOVG3 N 8		107	052027.00
				110 127	052027+10 052027+20
				070	052027.30
	NAME OF THE PROPERTY OF THE PR			147	052027-40
				050	052027.50
				167 161	052027-60 052027-70
	\$160DD\$BU.8.80.76.61.66.51.56.41.46.31	035VKNC		166	052030.00
				141	052030-10
			.,,	146	052030+20
				121 126	052030.30
				101	052030.40 052030.50
				106	052030+60
				061	052030.70
	\$16mDD\$BU,8,8m,36,21,26,69,6E,59,5E,49	-F+/47WZO		066	052031-00
				041	052031.10
				046 151	052031-20 052031-30
				156	052031.40
				131	052031.50
				136	052031-60
	%16mDD%BU.8.8m.4E.39.3E.29.2E.00.00.FD	⇒RGJ B •CR		111 116	052031.70 052032.00
		1100 0 700		071	052032.10
				076	052032.20
				051	052032.30
				056	052032.40
				000	052032.50 052032.60
				375	052032.70
	%16mDD%BU.8.8m.74.2B.64.3B.54.4B.44.5B	2HUPMX	4	164	052033+00
				053	052033.10
				144	052033.20 052033.30
				073 124	052033.40
				113	052033.50
				104	052033.60
				133	052033.70

HAND DESCRIPTION OF THE PROPERTY OF THE PROPER			153	052034.10	<u> 6</u> 6
(i	044	052034.20	
			043	052034.30	
			154	052034-40	
•			063 134	052034.50 052034.60	,
			103	052034.70	
	%16=DD%BU,8,8=,4C,53,3C,63,2C,73,72,2D -Q	T11A99A	114	052035.00	
			123	052035.10	
•			074	052035-20	
ι.			143	052035.30	
(054	052035.40	
\cdot			163	052035.50	
1			162	052035.60	
1	%16¤DD%BU.8.8¤.62.3D.52.4D.42.5D.32.6D -11	TOLYDA	055 142	052035.70 052036.00	
	#10#DD#DD#010#02#3D#32#D#42#3D#32#0D =11	195109	075	052036.10	
· .			1,22	052036.20	
1			115	052036.30	
			102	052036.40	
,			195	052036.50	
· •			062	052036-60	
	N24-DDNDH 0 D- 00 DE 44 DE E4 45 14 EE	E PARAMET	155	052036 + 70	
	%16uDD%BU.8.8u.22.25.6A.35.5A.45.4A.55	3EXMPU	042	052037.00	
ı			045 152	052037.10 052037.20	
· . ·	× × × × × × × × × × × × × × × × × × ×	N6 Yalid III	065	052037.30	
			132	052037+40	
			105	052037.50	
			112	052037.60	
(125	052037.70	
	\$16¤DD%BU.8.8¤.3A.65.2A.75.00.00.FC.FC -H	2 BS+BS	072	052040+00	
			145	052040.10	
			052	052040+20	
(165	052040.30	
			000	052040.40	
Ì			000 374	052040.50 052040.60	
			374	052040.70	
<u> </u>				020040810	
BST1	DR%8U+64+8II+3	3.00		052041.00	,
	%16mDD%BU.8.8m.FD.53.00.00.50.00.3C.50 -T	S IS	375	052044-00	
			123	052044.10	
			000	052044.20	
			000	052044.30	
			120 960	052044.40 052044.50	
(,			074	052044-60	4.
18			120	052044.70	
	\$16mDD\$BU.8.8m.FC.FC.FC.FC.FC.FC.3A.3C -	HI	374	052045.00	
			. 374	052045.10	
15			374	052045-20	
{ ×			374	052045.30	
12			374	052045.40	
11/			374	052045.50	
		- · · · · · · · · · · · · · · · · · · ·	072 074	052045.60 052045.70	
$\mathcal{L}_{\mathcal{L}_{\mathcal{L}_{\mathcal{L}}}}$	%16mDD%8U.8.8m.00.00.00.00.2C.00.00	A	000	052046-00	± .
Ę			600	052046 • 10	
			000	052046-20	1.
			000	052046.30	
5(000	052046.40	
		*	054	052046.50	
			000	052046-60	
	#14mhmmu. 9 0m 00 00 00 00 00 00 00		000	052046.70	
هور دادر که ارتخوان در دادر دادی از مورده این این اگرین آخریان <mark>کیشو</mark>	\$16#DD\$8U+8,8#,00,00,00,00,00,00,00,00	and the second s	0.00	052047-00	20.00

		000 052047-10 000 052047-20
		000 052047-20 000 052047-30
		000 052047.40
		000 052047.50 000 052047.60
		000 052047.70
	%16¤DD%BU.8.8¤.00.52.34.50.52.74.FC.FC -TEST	000 052050.00
		122 052050.10 064 052050.20
		120 052050.30
1		122 052050+40
\		164 052050.50 374 052050.60
		374 052050.70
	%16¤DD%BU.8.8¤.FC.FC.FC.FC.FC.FC.FC	374 052051+00
i		374 052051-10
	:	374 052051 • 20 374 052051 • 30
		374 052051.40
(374 052051.50
		374 052051.60
	%16mDD%BU.8.8msFC.FC.FC.FC.FC.OF.OD.11 - BAC	374 052051.70 374 052052.00
		374 052052.10
'-		374 052052.20
(374 052052•30 374 052052•40
. (017 052052.50
		015 052052-60
•	%16¤DD%BU,8,8¤,81,91,8B,0D,11,15,00,00 —KSPACE	021 052052.70 201 052053.00
, -	WIGHTON BOLD BOLD BOLD BOLD BOLD BOLD BOLD BOLD	221 052053•10
		213 052053.20
(015 052053.30 021 052053.40
		025 052053.50
(,		000 052053.60
(DID. DRVD11 (4 0 2	000 052053.70
	RIPL DR%BU,64,80,3 RIPLO %160DD%BU,8,80,FC,00,00,FC,FC,00,00,FD CARR-RET	052054.00 374 052057.00
·		000 052057-10
}		000 052057+20
ì ———		374 052057•30 374 052 0 57•40
1		000 052057.50
2		000 052057.60
18	RIPL1 %16=DD%BU,8,8=,2D,2F,31,33,35,37,39,38 -ABCDEFGH	375 <u>052057.70</u> 055 <u>052060.00</u>
1	Kirti signopsogostatosi saraaasaasaa macoti on	057 052060.10
ų.		061 052060.20
15		063 052060-30
1		065 052060.40 067 052060.50
1/2		071 052060-60
11/2		073 052060-70
1/	%16mDD%8U,8,8m,3D,3F,41,43,45,47,49,4B -IJKLMNOP	075 052061.00 077 052061.10
ą.		077 052061.10 101 052061.20
1		103 052061-30
a l		105 052061.40
		107 052061.50 111 052061.60
\ _ -:		113 052061.70
	%16mDD%BU,8,8m,4D,4F,51,53,55,57,59,5B QRSTUVWX	115 052062+00
. ★ · ♣ · · • · · · · · ·		117 052052-10

			121 052062.20
1			123 052062+30
			125 052062•40
			127 052062.50 131 052062.60
			133 052062-70
	%16¤DD%BU+8,8¤+5D+5F+2D+2F+31+33,35+37	-YZABCDEF	135 052063.00
			137 052063+10
			055 052063•20
			057 052063+30
· i			061 052063.40 063 052063.50
ļ			065 052063.60
			067 052063+70
	%16¤DD%BU,8,8¤,39,3B,3D,3F,41,43,45,47	-GHIJKLMN	071 052064.00
1			073 052064-10
		`	075 052064-20
			077 052064-30
ſ			101 052064•40 103 052064•50
			103 052064.50 105 052064.60
			107 052064.70
	%16mDD%8U,8,8m,49,48,4D,4F,51,53,55,57	-OPGRSTUV	111 052065.00
		-	113 052065.10
			115 052065.20
1			117 052065.30
			121 052065.40 123 052065.50
ı			123 052665.50 125 052065.60
1			127 052065.40
	%16=DD%BU,8,8=,59,5B,5D,5F,2D,2F,31,33	-WXYZABCD	131 052066.00
			133 052066.10
1			135 052066+20
			137 052066+30
(055 052066.40
1			057 052066+50 061 052066+60
1			061 052066.60 063 052066.70
1	%16mDD%BU,8,8m,35,37,39,38,3D,3F,41,43	-EFGHIJKL	065 052067.00
{			067 052067-10
			071 052067.20
			073 052067.30
1.			075 052067.40
			077 052067-50
			101 052067.60 103 052067.70
1 🗡	RIPL2 %16mDD%BU,8,8m,45,47,49,48,4D,4F,51,53	-MNOPQRST	103 052067.70
1.5			107 052070.10
18			111 052070-20
(113 052070.30
15			115 052070.40
15	·		117 052070.50
3			121 052070.60 123 052070.70
12	%16¤DD%BU,8,8¤,55,57,59,5B,5D,5F,2D,2F	+UVWXYZAB	125 052071.00
,11(127 052071-10
			131 052071.20
			133 052071.30
. e			135 052071.40
,			137 052071.50
(055 052071.40 057 052071.40
. 4	%16mDD%8U,8,8m,31,33,35,37,39,38,3D,3F	+CDEFGHIJ	057 052071.70 061 052072.00
, 3	ルエルー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・		063 052072.00
*			065 052072.20
· remarking control of	t. Harry Corp. (1988) - 1987 - November 1988 - 1988 - 1988 - 1988 - 1989 - 1989 - 1989 - 1989 - 1989 - 1989 - 198		
- ghr			

			071	052072.40
1			073 075	052 072 • 50 052072 • 60
i			077	052072.70
	%16mDD%BU,8,8m,41,43,45,47,49,48,4D,4F	-KLMNOPGR	101	052073.00 052073.10
			105	052073.20
	, —————————————————————————————————————		107	052073.30
			111	052073.40
			113 115	052073.50 052073.60
1			117	052073.70
	%16¤DD%BU,8,8¤,51,53,55,57,59,58,5D,5F	-STUVWXYZ	121	052074.00
. (123 125	052074.10 052074.20
1			127	052074+30
			131	052074.40
			133 135	052074.50 052074.60
		1	137	052074.70
1	** ** *** *** *** ** ** ** ** ** ** **	DEDEECHI	057	05307E 60
(RIPL3 %16mDD%BU,8,8m,2F,31,33,35,37,39,38,3D	-BCDEFGHI	057 061	052075.00 052075.10
			063	052075+20
			065	052075.30
-			067 071	052075.40 052075.50
			073	052075.60
1			075	052075.70
	%16DD%BU.8,8D.3F.41.43.45.47.49.4B.4D	-JKLMNOPQ	077 101	052076.00 052076.10
(103	052076.20
			105	052076.30
1			107 111	052076 • 40 052076 • 50
`••			113	052076.60
1		D.C. W. L.	115	052076.70
1	%16¤DD%BU,8,8¤,4F,51,53,55,57,59,5B,5D	-RSTUVWXY	117	052077.00 052077.10
			123	052077+20
1			125	052077.30
1			127 131	052077.40 052077.50
			133	052077.60
1			135	052077.70
4	%16=DD%BU.8.8=.5F.2D.2F.31.33.35.37.39	-ZABCDEFG	137 055	052100.00 052100.10
1			057	052100+20
18			061	052100.30
1			063	052100.40 052100.50
15			067	052100.60
Y**			071	052100.70
2	\$16DDD\$BU.8.8D.3B.3D.3F.41.43.45.47.49	-H1-JKLWNO	073 075	052101.00 052101.10
110			077	052101.20
			101	052101.30
, E			103	052101.40 052101.50
			107	052101.60
ł_			111	052101.70
۹ .4	%16=DD%BU-8.8=.4B.4D.4F.51.53.55.57.59	-PQRSTUVW	113 115	052102.00 052102.10
		} ·	117	052102.20
1	*)	121	052102.30
			123	052102-40

.,,,,	B The second sec		125	052102+50 LL
. 1 _			127	052102.60
		4	131	052102.70
-	%16uDD%BU,8,8u,58,5D,5F,2D,2F,31,33,35	-XYZ ABCDE	133	052103+00
, ~			135	052103.10
· · · · · · · · · · · · · · · · · · ·			137	052103.20
•			055 057	052103.30 052103.40
-			061	052103.40
-			063	052103.60
			065	052103.70
· -	%16mDD%BU.8.8m.37.39.3B.3D.3F.41.43.45	-FGHIJKLM	067	052104-00
			071	052104.10
_			073 075	052104.20 052104.30
t			075	052104.40 052104.40
-			101	052104.50
ţ _			103	052104.60
ı			105	052104.70
-	RIPL4 %16FDD%BU.8.8F.47.49.4B.4D.4F.51.53.55	-NOPGRSTU	107	052105.00
1			111	052105 • 10 052105 • 20
-			113 115	052105+20 052105+30
			115	052105+30 052105-40
٠ -			121	052105.50
(*			123	052105.60
		. LELINAMO A SES	125	052105.70
-	%16¤DD%BU,8,8¤,57,59,5B,5D,5F,2D,2F,31	-VWXYZABC	127	052106.00
			131	052106+10 052106+20
•			133 135	052106+20 052106+30
			135	052106+30 052106+40
· · · · · · · · · · · · · · · · · · ·			055	052106.50
-			057	052106+60
		DEEDILE III	061	052106.70
-	%16¤DD%8U+8,8¤+33+35,37+39+3B+3D+3F+41	-DEFGHIJK	063	052107-00
			065 067	052107•10 052107•20
-			057	052107.20
			073	052107.40
-			075	052107.50
-			077	052107.60
	ALS A WEST AND A SECOND	i Milababa	101	052107-70
	%16uDD%8U+8+8u+43+45+47+49+4B+4D+4F+51	-LMNOPORS	103	052110+00 052110-10
			105 107	052110.10 052110.20
-			111	052110-20
			113	052110-40
18			115	052110.50
			117	052110-60
15	%16¤DD%BU,8,8¤,53,55,57,59,5B,5D,5F,2D	-TUVWXYZA	121 123	052110•70 052111•00
13 - (**/	WAY-VERVER LERCE FOR THE PROPERTY OF THE PROPE	, we work of the Fit	123	052111.00
72			127	052111.20
12			131	052111-30
11/			133	052111-40
			135	052111-50
· -			137	052111-60
ı T	RIPL5 %16mDD%BU.8.8m.FD.53.3B.3D.51.00.3D.51	-CR. THIS IS	055 375	052111•70 052112•00
-	THE PARTY OF THE P		123	052112.10
·s _			073	052112.20
14			075	052112.30
_			121	052112-40
			000	052112.50
manige	عد معتقطها الله في الدينية و المنظم الدينية المنظم الدينية المنظم والمنظم والمنظم والمنظم والمنظم والمنظم والمنظم	man and the second of the seco	41.7	The second secon

%16nDD%BU+8+8n+53+38+35+00+35+47+33+00 -THE END	121 052112.70 123 052113.00
	073 052113.10
	065 052113+20
	000 052113.30 065 052113.40
	107 052113.50
	063 052113-60
	000 052113.70
%16¤DD%8U+8+8¤+49+37+00+4F+3D+4B+48+43OF RIPPL	111 052114.00 067 052114.10
	000 052114-20
	117 052114.30 075 052114.40
	113 052114.50
	113 052114.60
#1(mbbwbit o o- of oo of 51 50 74 74 5 750*	103 052114.70
%16пDD%BU+8-8п,35,00+53,35,51,53,74,74 —E TEST	065 052115.00 000 052115.10
	123 052115•20
	065 052115.30
	121 052115•40 123 052115•50
	164 052115.60
	164 052115.70
CNOP	
- CROP	
- RED ALPHABET	
ALLC DR%BU,64,80,%30 3.00	052116.00
%16mDD%BU.8.8m.FD.0C.0D.0E.0F.10.11.12	375 052121.00
	014 052121.10
	015 052121.20 016 052121.30
•	017 052121.40
	020 052121.50
	021 052121-60
%16nDD%BU.8.8n.13.14.15.16.17.18.19.1A	022 052121.70 023 052122.00
	024 052122+10
	025 052122-20
	026 052122.30 027 052122.40
	090 052122+50
a a	031 052122-60
%16mDD%BU.8.8m.1B.1C.1D.1E.1F.80.81.82	032 052122.70 033 052123.00
18	034 052123.10
	035 052123.20 036 052123.30
15	037 052123.40
Υ	200 052123.50
	201 052123.60 202 052123.70
%16mDD%8U,8,8m,83,84,85,86,87,88,89,8A	203 052124.00
	204 052124.10
e e e e e e e e e e e e e e e e e e e	205 052124.20
	206 052124.30 207 052124.40
· ·	210 052124.50
٦ . ه	211 052124-60
%16mDD%BU.8.8m.8B.8C.8D.8E.8F.90.91.92	212 052124.70 213 052125.00
	214 052125.10
	215 052125-20 20

,		216 052125.30
, '		217 052125.40
1		220 052125.50 221 052125.60
	•	222 052125.70
	%16mOD%BU,8,8m,93,94,95,96,97,98,99,9A	223 052126.00
		224 052126.10
		225 052126+20 226 052126+30
		227 052126.40
\$		230 052126.50
1		231 052126.60
	%16mDD%BU+8+8m+9B+9C+9D+9E+9F+00+00	232 052126.70 233 052127.00
	**************************************	234 052127.10
		235 052127+20
		236 052127.30
		237 052127.40 000 052127.50
		000 052127.60
		000 052127.70
	DI ACU AL DILADET	
~	- BLACK ALPHABET	
	%16pDD%BU.8.8n.FD.2C.2D.2E.2F.30.31.32	375 052130.00
		054 052130.10
		055 052130.20
		056 052130.30 057 052130.40
1		060 052130.50
		061 052130.60
·	%16=DD%BU,8,8=,33,34,35,36,37,38,39,3A	062 052130.70
	NC f C C f O C f C C f P C f C f D f D f D f D f D f D f D f D f	063 052131.00 064 052131.10
		065 052131.20
<u>t</u>		066 052131.30
		067 052131.40
		070 052131.50 071 052131.60
		072 052131.70
N.	%16PDD%BU,8,8P,3B,3C,3D,3E,3F,40,41,42	073 052132.00
		074 052132.10 075 052132.20
<u> </u>		076 052132.30
		077 052132.40
		100 052132.50
1 =		101 052132.60 102 052132.70
18	%16¤DD%BU,8,8¤,43,44,45,46,47,48,49,4A	103 052133.00
*		104 052133-10
15		105 052133.20
		106 052133.30 107 052133.40
		110 052133.50
12		111 052133.60
} \\ \	%16¤DD%BU,8,8¤,48,4C,4D,4E,4F,50,51,52	112 052133.70
1	%19DDD%DU989DD44D44C44D64C94C94C94C921932	113 052134.00 114 052134.10
.e(115 052134.20
		116 052134.30
 		117 052134.40
1.		120 052134.50 121 052134.60
		122 052134.70
' (%16¤DD%BU,8,8¤,53,54,55,56,57,58,59,5A	123 052135.00
managed and the second	Byrkan stranger og gregorier og stranger o	124 052135.10

		125 052135.10 126 052135.30
111		126 052135.30 127 052135.40
		130 052135.50
		131 052135.60
	%16mDD%BU,8,8m,5B,5C,5D,5E,5F,00,00,00	132 052135.70 133 052136.00
·		134 052136*10
		135 052136.20
•		137 052136.40
		000 052136-50
		000 052136.60 000 052136.70
	- RED NUMBERS + SPECIALS	
	%16mDD%BU.8.8m.FD.01.02.03.04.05.06.07	375 052137.00
1		001 052137.10
		003 052137.30
1		
·		005 052137.50 006 052137.60
(007 052137+80
1'	%16mDD%BU,8,8m,08,09,0A,0B,A0,A1,A2,A3	010 052140.00
		011 052140.10
·		012 052140.20
(013 052140.30
		240 052140.40
(241 052140.50 242 052140.60
1		242 052140.60 243 052140.70
	\$16DD\$BU.8.8D.A4.A5.A6.A7.A8.A9.AA.AB	244 052141.00
' (245 052141.10
		246 052141.20
		247 052141.30
	i	250 052141.40
1	·	251 052141.50
-		252 052141.60 253 052141.70
·	%16mD0%BU.8.8m.AC.AD.AE.AF.BO.B1.82.B3	254 052142.00
		255 052142.10
-		256 052142.20
		257 052142.30
4		260 052142.40
$\frac{1}{4}$		261 052142.50 262 052142.60
. 18		263 052142.70
1	%16mDD%BU.8.8m.B4.B5.B6.B7.00.00.00.00	264 052143.00
1		265 052143.10
15		266 052143.20
J*		267 052143.30
1		000 052143.40
. – 1 ¥		000 052143.50
1		000 052343-60
<u> </u>		000 052143.70
₹	- BLACK NUMBERS + SPECIALS	
	%16mDD%BU,8,8m,FD,20,21,22,23,24,25,26	375 052144.00
5		040 052144-10
1		041 052144.20
		042 052144.30
× .		043 052144.40
4.2°	to the state of th	044 052144-50

		045	052144.60	G L
ı	WALL DOWN A CO. DR AD DO DA DR 40 41 42	046 047	052144.70 052145.00	
i	%16mDD%BU,8,8m,27,28,29,2A,2B,60,61,62		052145.00 052145.10	
		051	052145.20	3
		052	052145.30	
•		053	052145.40	
		140 141	052145.50 052145.60	·
		142	052145.70	
	%16mDD%BU,8,8m,63,64,65,66,67,68,69,6A	143	052146.00	
		144	052146.10	
		145	052146.20	
		146 147	052146.30 052146.40	
		150	052146.50	
		151	052146.60	
		152	052146.70	
	%16¤DD%BU,8,8¤,6B,6C,6D,6E,6F,70,71,72	153	052147.00	
		154	052147-10	
		155 156	052147.20 052147.30	
		157	052147.40	, ,
		160	052147-50	
		161	052147.60	
	M14mppmpH 0 0m 70 74 75 74 77 00 00	162	052147.70	
	%16¤DD%BU,8,8¤,73,74,75,76,77,00,00	163 164	052150.00 052150.10	
		165	052150+20	
		166	052150.30	
		167	052150.40	
		000	052150.50	*·· ··
		000	052150.60 052150.70	j
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52465.00 40 000221.24 91

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CW&CCRU.PWD2.9.8+1.

		52485.00 60 000041.24 92 052221.00
	CW&CCR#,PWD2+27.\$+1.	52467.00 40 000161.24 93 052222.00
	CW%CDSCm,PWD2,6,\$+1.	52465.00 60 000141.24 94 052223.00 52673.00 40 000061.26 95 052224.00
	CW%CCR=,PWD2+63.5+1. CW%CCR=,PWD2,9,5+1.	52473.00 40 000061.24 95 052224.00 52465.00 40 000221.24 96 052225.00
<u>-</u>	CW%CCRD,PWD2,1,5+1,	52465.00 40 000221.24 96 052225.00 52465.00 60 000021.24 97 052226.00
·	CW%CCR#,PWD2+18.\$+1.	52466.00 40 000201.24 98 052227.00
	CW%CDSC¤.PWD2.5.\$+1.	52465.00 60 000121.24 99 052230.00
	CW%CCR¤,PWD2+5.,4,8+1.	52472.00 40 000101.24 9A 052231.00
	CW%CD¤+PWD2+9+\$+1+	52465.00 20 000221.24 98 052232.00
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	FLOATING ZERO C-BIT PATTERN		· · · · · · · · · · · · · · · · · · ·		
	PUNCH NINE CARDS	CARD	FIRST WORD C-BITS		·
		- 1	377		
		- 2	357		
		- 3	376		
		4	337		
		- 5	375		
		- 6	277		
		** 7	373		
		8	177		
**		9	367		
**	SET PUNCH TO ECC MODE. CON	TROL CODE 00	0101111		
-					

	CW%CCRII.PWD3.9.\$+1.			52502.00 40 000221.24 9C	052233.00
	CW%CDSCD+PWD3+4+\$+1+			52502.00 60 000101.24 9D	052234.00
	CWSCCRU.PWD3+45.S+1.			52506.00 40 000121.24 9E	052235+00
	CW%CDSCn,PWD3.8.5+1.			52502.00 60 000201.24 9F	052236.00
	CW%CCRU.PWD3+81.s+1.			52512.00 40 000021.24 A0	052237-00
	CW%CCR#,PWD3.9,\$+1.			52502.00 40 000221.24 A1	052240+00
·	CW%CDSC=,PWD3,3,\$+1.			52502.00 60 000061.24 A2	052241.00
	CW%CCRM.PWD3+36.5+1.			52505 * 00 40 000141 * 24 A3	052242.00
	CW%CDSCm.PWD3.7.5+1.	· · · · · · · · · · · · · · · · · · ·		52502.00 60 000161.24 A4	052243.00
	CW%CCRH,PWD2+3+,2,5+1+			52470.00 40 000041.24 A5	052244-00
	CW%CCRH,PWD3,9,\$+1.		.	52502.00 40 000221.24 A6	052245 • 00
	CW%CDSCm,PWD3,2,\$+1.			52502.00 60 000041.24 A7	052246 • 00
	CWSCCRD.PWD3+27.S+1.	C. A. C. Marie C. A. C.		52504.00 40 000161.24 A8	052247.00
	CW%CDSCm.PWD3.6.\$+1.			52502.00 60 000141.24 A9	052250.00
	CWNCCRM-PWD3+6+3+S+1+			52510.00 40 000061.24 AA	052251-00
	CW%CCR¤,PWD3,9,\$+1. CW%CDSC¤,PWD3,1,\$+1.			52502.00 40 000221.24 AB	052252.00
				52502.00 60 000021.24 AC	052253.00
	CW%CCR¤,PWD3+1.,8,\$+1. CW%CDSC¤,PWD3,5.\$+1.			52503.00 40 000201.24 AD 52502.00 60 000121.24 AE	052254 • 00
	CW%CCR0+PWD3+54.5+1.		· · · · · · · · · · · · · · · · · · ·	52507*00 40 000101*24 AF	052255.00
	CWSCDE+PWD3+9+0			52502.00 20 000220.00 00	052257.00
	CHACUMICRUSITIO			DEDUCADO EU UUUZEUEUU UU	03223100

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**				
-	PUNCH TEST USING IQS DATA			
-				
*	TO CHECK CARDS PUNCHED, A PR	RINTOUT OF READ		
**	IN AREA AND WRITE AREA IS PE	ROVIDED. WRITE		
	AREA WORDS ARE PRINTED FIRST			
444		-NON-ECC MODE.		
PCH3	CW%CDm.PWD4.30.0	-PUNCH 2 CARDS NON-ECC MODE	52513.00 20 000740.00 00	052260.00
	CW%CDm.PRES3.30.0	-READ 2 CARDS NON-ECC MODE	52715.00 20 000740.00 00	052261.00
	CW%CDSCm.PRES1.7.5+1.	-IDENTIFICATION	52677.00 60 000161.24 B3	052262.00
	CW%CDSC# ,PWD4 , 15 , \$+1 .		52513.00 60 000361.24 84	052263.00
	CW%CDSCD.PWD4+1515.5+1.		52532.00 60 000361.24 85	052264.00
	CW%CDSCm,PRES2.7.\$+1.	-IDENTIFICATION WORD	52706.00 60 000161.24 B6	052265.00
	CW%CDSCU.PRES3.15.5+1.		52715.00 60 000361.24 87	052266-00
	CW%CR#,PRES3+15.,15.0		52734.00 00 000360.00 00	052267.00
	· · · · · · · · · · · · · · · · · · ·			

***	SET PUNCH AND READER TO ECC	MODE. CONTROL CODE 00101111		

PCH4	CW%CD=.PWD5.26.0	-PUNCH 2 CARDS ECC MODE	52551.00 20 000640.00 00	052270.00
	CW%CDD+PRES3A+26+0	-READ 2 CARDS ECC MODE	52753.00 20 000640.00 00	052271.00
	CW%CDSC#.PRES1.7.5+1.	-IDENTIFICATION	52677.00 60 000161.24 88	052272+00
	CW%CDSCm,PWD5,13,8+1.		52551.00 60 000321.24 BC	052273.00
	CWSCDSCH.PWD5+135+1.		52566.00 61 245720.00 00	052274.00
	CW%CDSCD.PRES2.7.5+1.	-IDENTIFICATION WORD	52706.00 60 000161.24 BE	052275.00
	CW%CDSCm.PRES3A.13.5+1.		52753-00 60 000321-24 BF	052276.00
	CW%CRU,PRES3A+13.,\$+1.		52770.00 01 246000.00 00	052277.00

	EXTENDED PUNCH TEST	Th Table 500 CD NON FOR MORE			
	FOR CHECKING, THE FOLLOW	ED FOR ECC OR NON-ECC MODE			
		ADING PUNCH TEST OUTPUT.			
wite		D IN SAME MODE AS PUNCHED.			
	2. CONTROL WORDS TO PRIJ				
•	AND TEST DATA , EACH !!	DENTIFIED, CORRECT DATA			
	WILL BE PRINTED FIRS	T			_
Sin-		-NON-ECC MODE-CF-1, 10 CAI	RDS		
PCH5	CW%CDSCm,PWD6.15.5+1.	-CARD 6	52603.00 60 000361.24 C1	052300+00	
	CWSCCRU.PWD6.10.5+1.	#100 W	52603.00 40 000241.24 C2	052301.00	
	CW%CDSCH,PWD6C,5,\$+1.	-CARD 7	52622.00 60 000121.24 C3	052302.00	
	CW%CDSCm,PWD6D,5,\$+1.	-CARD 10	52603+00 40 000241+24 C4 52627+00 60 000121+24 C5	052303+00 052304+00	
•	CWSCCRM.PWD6:10.5+1.	-CAKO TO	52603.00 40 000241.24 C6	052305+00	
	CW%CDSC#.PWD6E.5.\$+1.	-CARD 11	52634.00 60 000121.24 C7	052306.00	
	CW%CCR#.PWD6.10.5+1.		52603.00 40 000241.24 C8	052307.00	
	CW%CDSCm,PWD6F,5.\$+1.	-CARD 12	52641.00 60 000121.24 C9	052310.00	
	CW&CCRM.PWD6.10.5+1.		52603.00 40 000241.24 CA	052311.00	
·	CW%CDSC¤+PWD6G+5+\$+1+	-CARD 13	52646+00 60 000121+24 CB	052312.00	
	CWSCCRD.PWD6.10.5+1.		52603.00 40 000241.24 CC	052313.00	
	CW%CDSCu,PWD6H,5,\$+1.	-CARD 14	52653.00 60 000121.24 CD	052314.00	
	CW%CCRD.PWD6.10.5+1.		52603.00 40 000241.24 CE	052315.00	
	CW%CDSCm.PWD6J.5.\$+1.	-CARD 15	52660.00 60 000121.24 CF	052316.00	
	CW%CCRH.PWD6.10.8+1.	MARK Te	52603.00 40 000241.24 D0	052317-00	
	CWSCDSCm,PWD6K,5,\$+1.	-CARD 16	52665.00 60 000121.24 D1	052320.00	
***	CW%CCRI,PWD6,10,\$+1.	-CARD 17	52603.00 40 000241.24 D2 52672.00 20 000120.00 00	052321.00 052322.00	
				W. F. W. E. E. F. G. V.	
	CW%CDB.PRES2,150,0	-USE THIS CW TO READ -CARDS	52706.00 20 004540.00 00	052323.00	
•					
**	USE THE FOLLOWING CONTROL	ORDS FOR PRINTOUT	***************************************		
••		4.000			
	CW%CDSCu+PRES1+7+\$+1.	-IDENTIFICATION	52677.00 60 000161.24 D5	052324+00	
	CW&CDSCH.PWD6.15.5+1.		52603.00 60 000361.24 D6	052325+00	
	CW%CCRm,PWD6,10,\$+1.		52603.00 40 000241.24 D7	052326.00	
	CW%CDSCH.PWD6C.5.\$+1.		52622.00 60 000121.24 D8	052327.00	
	CW%CCRD.PWD6.10.5+1.		52603.00 40 000241.24 D9	052330-00	
	CW&CDSCH.PWD6D.5.\$+1.		52627.00 60 000121.24 DA	052331.00	
	CWSCCRU,PWD6,10.5+1.		52603.00 40 000241.24 DB	052332.00	
	CW%CDSCH.PWD6E.5.\$+1.		52634.00 60 000121.24 DC	052333.00	
	CW%CCR#.PWD6.10.8+1.		52603.00 40 000241.24 DD	052334.00	
	CW%CDSCII-PWD6F+5+\$+1.		52641.00 60 000121.24 DE	052335-00	
	CW%CCRH+PWD6+10+S+1+		52603.00 40 000241.24 DF	052336.00	
	CW%CDSCU.PWD6G.5.5+1. CW%CCRU.PWD6.10.\$+1.		52646.00 60 000121.24 E0 52603.00 40 000241.24 E1	052337.00	
	CW%CCSCn,PWD6H,5,S+1.		52653.00 60 000121.24 E2	052340.00 052341.00	
	CW%CCRH,PWD6,10,5+1.		52603.00 40 000241.24 E3	052342.00	
	CWWCDSCH.PWD6J.5.5+1.		52660.00 60 000121.24 E4	052343.00	
	CW%CCR#,PWD6:10:5+1:		52603.00 40 000241.24 E5	052344.00	
	CW&CDSC=.PWD6K.5.5+1.		52665.00 60 000121.24 E6	052345.00	
	CW&CCR#,PWD6+10+\$+1+		52603.00 40 000241.24 E7	052346.00	
	CW%CDSCH.PWD6L.5.8+1.		52672.00 60 000121.24 E8	052347.00	
	CW%CDSCm.PRES2.7.\$+1.	-IDENTIFICATION WORD	52706.00 60 000161.24 E9	052350.00	
	CW%CDSCH,PRES4,15,8+1.	-FROM READ AREA	53005.00 60 000361.24 EA	052351.00	
	CWSCDSCH.PRES5.15.5+1.		53024.00 60 000361.24 EB	052352.00	
	CW%CDSC=,PRES6,15,5+1.		53043.00 60 000361.24 EC	052353.00	
وهدا والمهاد المعاردة فالمحاراة والمستحدة وأعمره		The second secon	53062.00 60 000361.24 ED	052354.QQ	

	CWSCDSCH, PRESS, 15, 5+1. CWSCDSCH, PRESS, 15, 5+1. CWSCDSCH, PRESSO, 15, 5+1.	53101.00 60 000361.24 EE 53120.00 60 000361.24 EF 53137.00 60 000361.24 F0	052355.00 052356.00 052357.00
	CW%CDSCm.PRES11.15.8+1. CW%CDSCm.PRES12.15.8+1. CW%CRm.PRES13.15.0	53156.00 60 000361.24 F1 53175.00 60 000361.24 F2 53214.00 00 000360.00 00	052360+00 052361+00 052362+00
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***	SET PUNCH AND READER TO ECC	MODE. CONTROL CODE 00101111		
desir-				
***		-ECC MODE-CF-1,10 CARDS		
PCH	6 CW%CCRH,PWD6,8,\$+1.		52603.00 40 000201.24 F4	052363.00
	CW%CDSC#.PWD68.5.\$+1.	-CARD 6	52615.00 60 000121.24 F5	052364.00
	CW%CCRH,PWD6,8,\$+1.		52603.00 40 000201.24 F6	052365.00
	CW%CDSCH.PWD6C.5.S+1.	-CARD 7	52622.00 60 000121.24 F7	052366.00
	CW%CCR#,PWD6,8,\$+1.		52603.00 40 000201.24 F8	052367.00
	CW%CDSCm.PWD6D.5.\$+1.	-CARD 10	52627.00 60 000121.24 F9	052370.00
	CW%CCR#,PWD6+8+\$+1+		52603.00 40 000201.24 FA	052371.00
	CWXCDSCm.PWD6F.5.8+1.	CARD 11	52634.00 60 000121.24 FB	052372.00
	CW%CCR=,PWD6.8,5+1.		52603.00 40 000201.24 FC	052373.00
	CW%CDSCD.PWD6F.5.\$+1.	-CARD 12	52641.00 60 000121.24 FD	052374.00
	CW%CCRM.PWD6.8.\$+1.		52603.00 40 000201.24 FE	052375.00
	CW%CDSCI.PWD66.5.5+1.	-CARD 13	.52646.00 60 000121.24 FF	052376-00
	CW%CCRU,PWD6,8,5+1.		52603.00 40 000201.25 00	052377.00
	CW%CDSCm.PWD6H.5.5+1.	-CARD 14	52653-00 60 000121-25 01	052400.00
	CW%CCR#,PWD6,8,\$+1.		52603.00 40 000201.25 02	052401.00
	CW%CDSC=,PWD6J,5,\$+1.	-CARD 15	52660.00 60 000121.25 03	052402.00
	CW&CCRU,PWD6:8:\$+1.	CADD 14	52603.00 40 000201.25 04	052403.00
	CW&CDSCm,PWD6K,5,5+1.	-CARD 16	52665.00 60 000121.25 05	052404.00
	CW%CCR¤.PWD6.8,S+1.	#1 h m /2 . 5 m	52603.00 40 000201.25 06	052409.00
	CW%CDD.PWD6L.5.\$+1.	-CARD 17	52672.00 20 000121.25 07	052406.00
	CW%COm,PRES14+130+0	-CONTROL WORD TO READ CARDS	53233.00 20 004040.00 00	052407.00
**	USE THE FOLLOWING CONTROL W	APRE FOR PRINTOUT		
enin	OUL THE TOELDWING CONTINUE E			
	CW%CDSCm,PRES1,7,5+1.	-IDENTIFICATION	52677.00 60 000161.25 09	052410+00
	CWSCCR#.PWD6.8.5+1.	-WRITE AREA	52603.00 40 000201.25 OA	052411+00
	CWMCDSCm.PWD68.5.5+1.		52615.00 60 000121.25 0B	052412.00
	CW%CCRH.PWD6.8.5+1.	-WRITE AREA	52603.00 40 000201.25 OC	052413.00
	CW&CDSCm,PWD6C,5,\$+1.		52622.00 60 000121.25 0D	052414.00
	CWSCCR#_PWD6+8+\$+1-	-WRITE AREA	52603-00 40 000201-25 OE	052415.00
	CW%CDSCD,PWD6D,5,\$+1.		52627.00 60 000121.25 OF	052416.00
	CW%CCRD.PWD6.8.\$+1.		52603.00 40 000201.25 10	052417.00
	CWWCDSCm.PWD6E.5.5+1.		52634.00 60 000121.25 11	052420.00
	CWSCCRH.PWD6.8.5+1.		52603.00 40 000201.25 12	052421.00
	CW%CDSCm.PWD6F.5.\$+1.		52641.00 60 000121.25 13	052422-00
	CW&CCRU.PWD6.8.5+1.		52603.00 40 000201.25 14	052423.00
	CWWCDSC=,PWD6G,5,s+1.		52646.00 60 000121.25 15	052424.00
	CWSCCRU-PWD6-8-S+1.		52603.00 40 000201.25 16	052425.00
	CW%CDSCm.PWD6H.5.\$+1.	•	52653.00 60 000121.25 17	052426.00
	CW&CCRU,PWD6.8.5+1.		52603.00 40 000201.25 18	052427.00
	CW&CDSCm,PWD6J,5.\$+1.		52660.00 60 000121.25 19	052430.00
	CWSCCR##PWD6+8+\$+1+		52603.00 40 000201.25 1A	052431.00
	CW%CDSCm,PWD6K,5,\$+1.		52665.00 60 000121.25 18	052432.00
	CWSCCRU-PWD6-8-S+1-		52603.00 40 000201.25 16	052433.00
	CW%CDSCM+PWD6L+5+\$+1.	-INCHTICION MANN	52672.00 60 000121.25 1D	052434.00
	CWSCDSCm.PRES2.7.5+1.	-IDENTIFICATION WORD -READ AREA	52706-00 60 000161-25 18	052435.00
	CWSCDSCm.PRES14.13.5+1.	TREAD AREA	53233+00 60 000321-25 1F	052434-00
-	CW%CDSCH.PRESIS-13.5+1.		53250.00 60 000321.25 26	052437.00
	CW%CDSCH.PRES17:13:5+1:		53265.00 60 000321.25 21 53302.00 60 000321.25 22	052440.00 052441.00
	CW%CDSCu,PRES18,13,5+1.		53317.00 60 000321.25 23	052442.00
	CW%CDSCU.PRES19.13.5+1.		53334.00 60 000321.25 24	052443.00
	CW%CDSC#,PRES20:13:5+1:		53351.00 60 000321.25 25	052444.00
	CHACOSCH.PRES21.13.5+1.		人名马克伊西斯西 大九 经存在的护护事的的 安然	ALBERT S AR

	CW&CDSCn+PRES23+13+\$+1+	53403.00 60 000321.25 27 53420.00 60 000321.25 28	052446.00 052447.00
-			
••			
	PUNCH TEST DATA		
	NON-ECC MODE DATA		
PWD1	%8mDD%BU,8,8m,200,004,000,040,001,000,010,000	200	052450+00
PWDI		004	052450+10
•		000	052450.20
		001	052450.40
		000	052450.50
1		010 000	052450.60 052450.70
	%8¤DD%BU,8,8¤,100,002,000,020,000,200,004,000	100	052451.00
		002	052451.10 052451.20
,		020	052451.30
		000 200	052451.40
		200 004	052451+60
	NOMPOWELL OF THE CASE COST COST	000	052451.70
	%8mDD%BU,8,8m,040,001,000,010,000,100,002,000	040 001	052452.00 052452.10
f		000	052452.20
· · · · · · · · · · · · · · · · · · ·		010	052452.30 052452.40
1		100	052452.50
		002	052452.60
	%8mDD%BU,8,8m,020,000,200,004,000,040,001,000	000	052452.70 052453.00
		000	052453.10
		200 004	052453.20 052453.30
		000	052453.40
		040	052453.50
		001 000	052453.60 052453.70
	%8mDD%BU.8.8m.010.000.100.002.000.020.000.200	010	052454.00
		000 100	052454.10 052454.20
		.002	052454.30
9 1.		000	052454-40 052454-50
18		000	052454.60
1	%8=DD%BU,8,8=,004,000,040,001,000,010,000,100	200	052454.70
15	wo	004	052455+00 052455+10
<u></u>		040	052455.20
]2		001	052455.30 052455.40
1 ¥		010	052455.50
1_		100	052455.60
ę	%8mDD%BU,8,8m,002,000,020,000,200,004,000,040	100	052455.70 052456.00
		000	052456+10
ا ع		020 000	052456.20 052456.30
1		200	052456.40
1		, 004	052456.50
		000 040	052456.60 052456.70

	%8mDD%8U,8,8m,001,000,010,000,100,002,000,020		001	052457.00	66
			000	052457+10	* .
•			010	052457.20	
·			000	052457+30	
·- ·			100 002	052457.40 052457.50	
			000	052457.60	
•			020	052457.70	
,	%8HDD%BU,8,8H,000,200,004,000,040,001,000,010		000	052460.00	
			200	052460.10	
			004	052460.20	
			000	052460-30	
			040	052460+40	
			001	052460.50	
			000	052460+60	-
	WA-25000		010	052460-70	
	%8PDD%BU,8,8P,000,100,002,000,020,000,200,004		000	052461.00	
1.818.17			100	052461-10	
		•	002	052461.20	
			000	052461.30	
			020	052461.40 052461.50	
			200	052461.60	
			004	052461.70	
	%8mDD%BU,8,8m,000,040,001,000,010,000,100,002		000	052462.00	
•			040	052462-10	
			001	052462.20	
			000	052462.30	3
		<u> </u>	010	052462.40	
			000	052462-50	
			100	052462.60	
	•		002	052462.70	
	%8mDD%BU,8,8m,000,020,000,200,004,000,040,001		000	052463+00	
			020	052463-10	
			000	052463.20	
			200	052463.30	
			004	052463-40	
-			000	052463-50	· · · · · · · · · · · · · · · · · · ·
			040	052463.60	
	%8mDD%BU+8+8m+000+010+000+100+002+000+020+000		001	052463.70 052464.00	<u> </u>
	80 m20 x D0 \$ 0 \$ 0 m \$ 0 0 0 \$ 0 1 0 \$ 0 0 0 \$ 1 0 0 \$ 0 0 2 \$ 0 0 0 0 \$ 0 0 0 0 0 0 0 0		010	052464.10	
			000	052464.20	
			100	052464.30	
			002	052464.40	
			000	052464-50	
			020	052464.60	
			000_	052464.70	
***	THE FOLLOWING ARE DATA WORDS FOR THE ECC				
· • • • • • • • • • • • • • • • • • • •	MODE-THE CHECK BITS ARE IN OCTAL NOTATION				
4144					· ,
	FLOATING ZERO PATTERN	- C-BITS			
PWDZ	%8mDD%BU+8+8m+301+200+000+000+101+200+000+000	-377	301	052465.00	
			200	052465.10	· · · · · · · · · · · · · · · · · · ·
			000	052465.20	
			000	052465.30	
			101	052465.40	
			200	052465.50	
•			. 000	052465.60 052465.70	
	%8mDD%8U,8,8m,350,200,200,000,230,200,200,000	-177	350	052466+00	
	NOWED TO A SECONDANCE OF SECON		200	052466 • 10	
				052466.20	
4					
			200		
			000 230	052466+30 052466+40	

		er≅l i bened italia	200	052486.80	· · · · · · · · · · · · · · · · · · ·
1	%8mD0%BU,8,8m,020,000,000,000,240,000,000,000	-277	000	052466.70 052467.00	
		<u> </u>	000	052467-10	
			000	052467+20	
			000_	052467.30	
			240	052467.40	
			000	052467-50	
			000	052467.60	
	NO-DANUL A A- AAA AAA AAA AAA AAA AAA AAA AAA	444	000		
	%8mDD%BU,8,8m,002,000,000,000,210,000,000,000	-337	002	052470.00	
			000	052470-10	
			000	052470.20 052470.30	
			210	052470.40	
			000	052470.50	
			000	052470-60	
			000	052470.70	
	%8¤DD%BU,8,8¤,000,010,000,000,200,200,000,000	-357	000	052471.00	
			010	052471.10	
			000	052471.20	
	•		000	052471.30	
			200	052471.40	
			200	052471.50	
			000	052471.60	
			000	052471.70	
	%8=DD%BU+8+8=+000+000+000+200+200+000+200+000	-367	000	052472.00	
			000	052472-10	
			000	052472.20	
			200	052472.30	
			200	052472.40	
			200	052472.50 052472.60	
			000	052472.70	*
	%8=DD%BU,8,8=,000,000,000,200,200,200,000,000	-373	000	052473.00	
•			000	052473-10	
			000	052473.20	
			200	052473.30	
-			200	052473.40	
			200	052473-50	***
			000	052473+60	, 🔛
			000	052473+70	
	%8mDD%8U,8,8m,140,000,000,000,020,000,000,000	-375	140	052474.00	
			000	052474+10	
			000	052474.20	
			000	052474.30	
•			020	052474.40	
			000	052474.50	
			000	052474.60 052474.70	
	DD%BU,64,8¤,0		000000000000000000000000000000000000000	052475.00	
	DD%BU+64+8=+0		000000000000000000000000000000000000000	052476.00	
3	DD%8U.64,8m,0	11. 2.11	000000000000000000000000000000000000000	052477.00	
	DD%8U+64+8H+O		000000000000000000000000000000000000000	052500.00	3
	DD#8U+64+8U+0		00000000000000000000000	052501.00	
	FLOATRNG ONE PATTERN	C-BITS			
PWD3	%8mD0%8U,8,8m,350,200,200,000,000,000,000,000	-200	350	052502-00	
×			200	052502-10	
			200	052502.20	
			000	052502-30	
			000	052502.40	• .
			000	052502-50	
	•		000	052502.60	×.
*	%8mDD%8U,8,8m,050,200,000,000,000,000,200,000	-100	000 050	052502.70 052503.00	
μ		ŧ	200	052503-10	
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		the state of the s	000 052	503.20
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				503.40
				503.50
				503.60
		0.10		503.70
•	%8mD0%8U+8+8m+110+200+000+000+000+200+000	-0 40		504.00 504.10
				304.20
				504.30
				504.40
				504.50
				04.60
	%8mDD%BU,8,8m,140,200,000,000,000,200,200,000	- 020	000 052 140 052	504.70 505.00
		-020		05.10
				505.20
				605.30
			000 052	505.40
				305.50
				505.60
	%8mDD%BU,8,8m,160,000,000,000,000,200,200	-010		505.70 506.00
		-010		06.10
				06.20
				506.30
				06+40
				506.50
				96.60
	%8¤DD%BU,8,8¤,160,000,000,000,200,000,000	-004		506.70 507.00
				507.10
				07.20
		402		507.30
				507.40
	· · · · · · · · · · · · · · · · · · ·			507.50
				907.60 807.70
	%8¤DD%BU,8,8¤,350,200,000,000,200,000,000	-002		10.00
				10.10
				510.20
				10.30
				310.40
		N 40.4 (1.4 (1.4 (1.4 (1.4 (1.4 (1.4 (1.4 (1		510.50 510.60
				10.70
	%8¤DD%BU,8,8¤,030,200,000,000,200,000,000	-001		511.00
	<i>J</i> -			11.10
	. 8 al			11.20
				511.30 511.40
	1 15			11.50
				11.60
			000 0525	511.70
	%8mDD%BU,8,8m,350,000,000,200,000,000,000	-000		512.00
				512-10
				512.20 512.30
				512.40
				12.50
			000 0525	12.60
	5		000 052	512.70
		+		
	CNOP			

PV	WD4 %8mDD%BU,8,8m,000 -CCB+CARRIAGE CONTROL BYTE	000	052513.00
	* AZDDSBU,8,8D, PUNCH TEST USING IQS - DATA-THIS IS Z		052513.10
	% AZDD%BU,8,80,CARD ONE OF PWD4 DATA WORDS. Z		052517.50
	% AZEDD%BU.8.8E.IDENTIFIED BY A 1 IN COLUMN 80.Z		052523.20
	% AZDD%BU,8,8D,ROW 9. ECC MODEZ		052527 • 10
	\$8mDD\$BU,8,8m,000,000,000,000,000,000,000,001	000	The state of the s
		000	
		000	
		000	052531.30
		000	052531.40 052531.50
		000	
		001	052531.70
- North		001	032331410
	%8mDD%BU,8,8m,000 CCB	000	052532+00
	% AZEDDSBU.8.8E. THIS IS CARD TWO OF PWD4 DATA Z		052532.10
	% AZEDD%BU.8.8E.WORDS. IT IS IDENTIFIED WITH A 1Z		052536.10
	% AZEDD%BU.8.8E. IN COLUMN 80. ROW BECC MODEZ	1	052542.10
	DD%BU,64,8¤.0	0000000000000000000000	052546.00
	DD%BU,64,80,0	000000000000000000000000000000000000000	052547.00
	%8mDD%BU,8,8m,000,000,000,000,000,000,000,000	000	052550.00
		000	052550-10
		000	052550.20
		000	052550.30
		000	052550.40
		000	052550.50
		000	052550+60
		002	052550.70

PW	WD5 %8mDD%BU,8,8m,000 —CCB	000	052551.00
	% AZBDD%BU,8,80, THIS IS CARD ONE OF PWD5 DATA Z		052551-10
	% AZDDONBU-8.80.WORDS. IT IS IDENTIFIED WITH A 1Z		052553.00
	% AZEDD%BU.8.8E, IN COLUMN 78, ROW 8+9. NO-ECC. Z		052561.00
	%8mDD%BU+8+8m+000+000+000+000+000+000+003	000	052565.00
		000	052565.10
		000	052565.20
		000	052565.30
		000	052565.40
		000	052565.50
		000_	052565-60
	%8DD%BU+8+8n+000	003	052565.70
	% AZBDD%BU.8.8B. THIS IS CARD TWO OF PWD5 DATA Z	000	052566+00
	* AZBDD*BU*8*8B*WORDS* IT IS IDENTIFIED WITH A 1Z		052566+10 052572+00
	% AZEDD%BU,8,8E, IN COLUMN 78, ROW 7.NO-ECC MODEZ		052576.00
	%8mDD%8U+8+8m+000+000+000+000+000+000+0004	000	052602.00
	**************************************	000	052602.10
		000	052602.20
		000	052602.30
		000	052602.40
		000	052602.50
		000	052602.60
		004	052602.70
PW	VD6 %8mDD%8U.8.8m.000	000	
	% AZBDD%BU+8+8B+XTENDED CF-1 PUNCH TESTZ		052603-10
PW	VD6A % AZDDO%BU,8,80, CARD IS NUMBERED OCTAL IN LAST Z		052606.00
	* AZEDDSBU-8-BE-COLUMN. NON-ECC MODEZ		052612-00
PW	ND6B & AZHDD&BU+8+8H+CARD ONE OF EXTENDED CF-1 TEST++Z		052615.00
	%8mDD%BU-8-8m-000-000-000-000-000-000-000-006	000	052621.00
		000	052621-10
		000	052621.20
		000	052621.30
	and the second of the second o	Commence of the commence of th	057421-40

PWD6: \$ ZZDDSBU;8,80,CAD TWO OF FATEWORD CF-1 TEST-L 000 032424.00 000 032435.00 000 032435.00 000 032435.00 000 032435.00 000 032435.00 000 032436.00 000 032436.00 000 032436.00 000 032436.00 000 032436.00 000 03244.00 0			and many and the second	000	052621.50	66
PADEC 1 AZEDDEBU, 8,88,000,000,000,000,000,000,000,000,0				· · · · · · · · · · · · · · · · · · ·		
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000 052246-10 000 052246-20 000 052246-40 00		PWD6C	% AZEDD%BU,8,8E,CARD TWO OF EXTENDED CF-1 TEST-Z			
000 052636-20 000 05266-20 000			%8mDD%8U,8,8m,000,000,000,000,000,000,000,007			
DOC 022424-00 DOC 0224	•					
DOC D22425-10 DOC D224						
Dec	` <u></u>					
PW06D % AZMODEBULB, BILL, CARD THREE OF EXTENDED CF1 TEST-Z PW06D % AZMODEBULB, BILL, CARD THREE OF EXTENDED CF1 TEST-Z REMODYBULB, BILL, CARD THREE OF EXTENDED CF1 TEST-Z REMODYBULB, BILL, CARD THREE OF EXTENDED CF1 TEST-Z PW06D % AZMODEBULB, BILL, CARD FOUR DF EXTENDED CF-1 TEST-Z PW06E % AZMODEBULB, BILL, CARD FOUR DF EXTENDED CF-1 TEST-Z PW06F % AZMODEBULB, BILL, CARD FOUR DF PW06F M M M AZMODEBULB, BILL,						
PWD6F \$ AZMDY8U.8.88.CARD THREE OF EXTENDED CF1 TEST,Z 0.072427.00 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000.000 ***B0058U.8.88.AGAA.000.000.000.000.000.000.000.000.00						
Pubble S. AZ#DD\$BU;\$,\$as.CARD THREE OF EXTENDED CF1 TEST-Z 002227:00						
### ### ### ### ######################		PWD6D	% AZDDD%BU.8.80.CARD THREE OF EXTENDED CF1 TEST.Z			· · · · · · · · · · · · · · · · · · ·
000 072433-10 000 072433-20 000 07243-20 000 0724				000		
000 052653-3.0 000 032663-3.0 000 032663-3.0 000 032663-3.0 000 032663-3.0 000 032663-3.0 000 032663-3.0 000 03266				·		
000 052633,30 000 052633,40 000 052633,50 000 052633,50 000 052633,50 000 052633,50 000 052633,50 000 052633,50 000 052633,50 000 052646,00 000 052652,00 000 052664,00				000		
000 032633-30 000 032633-30 000 032633-40 000 032633-40 000 032633-40 000 032633-40 000 032633-40 000 032633-40 000 032633-40 000 032633-40 000 0326	1			000		
PWD6E				090		141
PMDASE	ſ			000	052633.50	
PMD6E				000	052633.60	
\$8BDD\$BU.\$.\$\$U.\$.000,000,000,000,000,000,000,001 000 032640.10 000 032640.20 000 032640.30 000 032640.40 000 032640.40 000 032640.50 000 032640.50 000 032640.50 000 032640.50 000 032640.50 000 032640.60 \$8BDD\$BU.\$.\$BII,CARD FIVE OF EXTENDED CF-1 TEST.Z 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032645.10 000 032652.10 000 032653.10 000 032663.10 000 032663.10 000 032663.10 000 032663.10 000 032664.10 000 032664.10 000 032664.10 000 032664.10 000 032664.10 000 032664.10 000 032664.10	ı			010		
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000 032440-40						
000 05240-40 000 05240-50 000 05240-50 000 05240-50 001 05240-60 001 05240-70 001 05240-70 002 05240-70 003 05240-70 003 05240-70 003 05240-70 000 05245-70 000 05246-70 000 05246-70					1.00	
000 052640-50						
PMD6F S AZEDDSBU,8,85E,CARD FIVE OF EXTENDED CF-1 TEST,Z 0.22646,70	į		· ·			
PMD6F						
PWD6F \$ AZUDD\$8U;8;8I;CARD FIVE OF EXTENDED CF-1 TEST_Z \$88DD\$8U;8.8BH,000,000,000,000,000,000,000,000,000 \$00 052451.00 000 0524571.00 000 0524571.00 000 0524571.00 000 0524571.00 000 0524641.00 000	1					
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O00 052652.60		*				
PWD6H % AZ¤DD%BU,\$8,8µ,CARD SEVEN OF EXTENDED CF1 TEST.Z 052653.70 \$8#\text{PWD6H } 052657.00 \[\begin{array}{cccccccccccccccccccccccccccccccccccc	4					
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\$8HDD%BU,8;8H;000,000,000,000,000,000,000,000,000 000 052657:00 000 052657:20 000 052657:30 000 052657:40 000 052657:50 000 052657:60 014 052657:70 PWD6.J % AZHDD%BU;8;8H;000,000,000,000,000,000 \$8HDD%BU;8;8H;000,000,000,000,000,000,000 000 052664:00 000 052664:00 000 052664:20 000 052664:50 000 052664:50 000 052664:60	18	PWD6H	% AZDDD%BU.8.8U.CARD SEVEN OF EXTENDED CF1 TEST.Z	***		
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	·	%8mDD%8U,8,8m,000,000,000	*000*000*000*018		000	052671.0
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	PWD6L	& A7mDOWRILS.RM.CADO TEN	OF EXTENDED CF-1 TESTZ		016	052672+0
	FAUOL	%8mDD%BU,8,8m,000,000,000			000	052676
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		000	052676
					000	052676 - 2
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				12 - 1100 - 120	000	052676
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		1	·		017	052676
	PRES1	%8mDD%8U,8,8m,001			001	052677.0
	,,,,,,,	% AZBDO%BU.8.80.THIS IS	THE DATA FROM THE WRITEZ		V V	052677
		% AZMDD%BU,8,80, AREA OF				052703+
	PRES2	%8EDD%8U.8.8E.001		<u> </u>	001	052706
			THE DATA FROM THE READ Z			052706
		% AZHDD%BU.8.8H. AREA OF				052712
	PRES3	DR%BU,64,81,30	-READ-IN AREA	36.00		052715.0
	PRES3A	DR%BU.64.8#.26	-READ-IN AREA-ECC	32.00		052753.
	PRES4	DR%8U,64,80,15	-NON-ECC MODE	17.00		053005.
	PRES5	DR%BU-64-8H-15		17.00		053024-0
	PRES6	DR%BU,64,81,15		17.00		053043.
	PRES7	DR\$8U.64.8n.15		17.00		053062-0
	PRES8	DR%BU,64,81,15		17.00		053101.
	PRES9	DR%BU,64,8m,15		17.00		053120
	PRES10	DR%BU,64,81,15		17.00	1	053137.0
	PRES11	DR%BU.64.8m.15		17.00		053156.0
	PRES12	DR%BU+64.8=.15		17.00		053175.0
	PRES13	DR\$8U.64.8U.15		17.00		053214-
	PRES14	DR%BU+64+8=+13	-READ-IN AREA	15.00		053233.
	PRES15	DR%8U.64.8¤.13	-NON-ECC MODE	15+00		053250+0
	PRES16	DR#BU,64.811,13		15.00		053265.0
	PRES17	DR%BU.64.8m.13		15.00		053302.0
	PRES18	DR%BU,64,8m,13		15.00		053317.0
	PRES19	DR\$8U,64,8U,13		15+08		053334.0
	PRES20	DR%BU*64*8¤*13		15.00		053351.6
	PRES21	DR%BU.64.85.13		15.00		053366+0
	PRES22	DR#8U+64+80+13		15.00		053403.0
	PRES23	DR%BU.64.81.13		15.00		053420.0
	END	DR%BU,64,85.1		1.00		053435.0
		END.START		50000+00		053436-0